

## Anti-emetic drugs

الادوية التي تستخدم ضد القيئ و الغثيان

Antihistamins (Prochlorperazine, perphenazine, and trifluoperazine)  
الادوية المضادة للحساسية تستخدم في علاج القيئ و الغثيان الناتج عن الكثير من العوامل المسببة له

Antihistamines: are effective against nausea and vomiting resulting from many underlying conditions .. Antistamins are present as tablets . injection . and suppositories

- 1 - Prochlorperazine : (Emedrotec) buccal bioadhesive tab...
- 2 - Perphenazine ( perlafon , trilafon ) tab . ,
- 3 - Trifluoperazine ( stellasil ) tab..
- 4 - Chlorpromazine ( largactil , neurazine , promacid ) tab. injection ,
- 5 - Meclizine + Vit b6 ( dizirest , emezine , navoproxene, vomidoxine ).. tab. , supp .....one tab. At night ..

## Metoclopramide

مجموعه الميتوكلوبراميد المضادة للقيئ

6- Metoclopramide ( Anausan , meclopam , primperan , plemazole , plasil ) tab . , injection , supp . drops ..... By mouth, or IM injection or by IV injection over 1-2 minutes , tab, 5- 10mg 3 times daily....

## Domperidone

مجموعه الدومبيريدون المضادة للقيئ

7 – Domperidone ( dompidone , farcotilium , gastromotil , motilium , motinorm ) tab. Supp . , sachets , susp. Cap ..... By mouth : 10-20 mg every 4-8 hrs max. period of treatment 12 weeks ... By rectum (supp), nausea and vomiting, 10-60mg every 4-8 hrs .

## 5 HT3 antagonists :granisetron , ondansetron)

الادوية المضادة للقيء المضادة ل - هيدروكسي تريبتوفان ٣

8 - **granisetron** ( Em-ex , kytril ) tab. , injection ..... .. by mouth, 1-2mg within 1 hrs before start of treatment then 2mg daily in 1-2 divided doses during treatment .. By IV injection diluted in 15ml Sodium chloride 0.9% and given over not less than (30 seconds)

**9 - ondansetron** ( danofran , emerest , ondan , zofran ) tab. Injection , supp .... ..  
By mouth, 8 mg 1-2 hrs before treatment or by rectum, 16mg 1-2 hrs before treatment  
or by im or slow IV injection, 8mg immediately before treatment then by mouth,  
8mg every 12 hrs for up to 5 days or by rectum, 16 mg daily for up to 5 days.

## Anti-spasmodics

### الادوية المضادة للمغص و التقلصات

Drugs in this section include antimuscarinic compounds and drugs believed to be direct relaxants of intestinal smooth muscle. The smooth muscle relaxant properties of antimuscarinic and other antispasmodic drugs may be useful in irritable bowel syndrome and in diverticular disease .

## Anti-muscarinics

### الادوية المضادة للاسيتيل كولين

**10 - Dicyclomine** (spasmorest , spasmocyclone) tab. , injection, syp. .... 0-20 mg 3 t.t d. , child 6-24 months 5-10 mg up to 3-4 t.d , 15 minutes before feeds 2-12 years 10 mg 3 times daily.

**11 - Hyoscine butylbromid** ( buscopan , butacid , farcorelaxin , nu-spasm , spasmocin) tab. , supp. , syp , injection ..... by mouth (but poorly absorbed) 20mg 4 times daily, child 6-12 years, 10mg 3 times daily ... By IM or IV injection , Acute spasm & spasm in diagnostic procedures, 20mg repeated after 30 minutes if necessary. Child not recommended.

**12 - Propantheline bromide** tab ..... 15 mg 3 times daily at least 1 hour before meals and 30mg at night, max. 120mg daily, Child not recommended.

## Other antispasmodics

### ادوية اخرى تستخدم لعلاج المغص و التقلصات

**13 - Alverine citrate** ( meteospasmyl ) cap. .... 60-120mg 1-3 times daily, child under 12 years not recommended .

**14 - Mebeverine hcl** ( colorelax , colospasmin , coloverine , duspatalin , mepacolon , spastalin) tab. , cap ..... Adult & children over 10 years , 135-150 mg 3 times daily . Preferably 20 minutes before meals.

**15 - Tiemonium methyl so4** ( spasmofree , timogen , viscera , visceralgine ) tab. , syp. , amp. , Supp. , injection ..... .. By slow Im or IV injection, 1amp 3 times/ 24 hrs .. or I tab 3 times daily ..

**16 - Drotaverine HCL** ( Do-spa , spasmocure ) tab. , injection ..... Adult , 1-2 tablet 1-3 times daily , child, 1/4-1/2 tablet daily .. By SC or IM or IV injection, adult 2-4 ml, for acute stone colic 2-4 ml by slow IV injection. By intra arterially, for peripheral vasoconstriction.

17 - Pipoxalan HCL ( rowaprxin ) tab. , supp ..... .. By mouth, adult, tab, 1 tab. 3-6 times daily .. By supp. 1 supp. 1-3 times daily .. Child not to be administered to child below 7 years.

18 - Clidinium Br + Chlordiazepoxide ( cloxid , diprex , epirax , librax ) tab. , cap. .... By mouth, adult 3-4 dragees daily according to severity of the case .

19 - Peppermint oil ( colomint ) cap .. 1-2 capsules, swallowed whole with water, 3 times daily for up to 2-3 months if necessary .

20 - Trimebutine ( debridat , gast-reg , G-regulator , tribudat , tritone ) tab . susp. , supp , injection .. 1 tablete to be taken three times befor meals .

21 - Papaverine ( vasorin ) injection ..... amp for injection

## drugs to treat diarrhea

### Anti-motility drugs

ادويه لعلاج الاسهال ..... ادويه تقلل حركه الامعاء

22 - Codiene phosphate , for acute diarrhea , 30 mg 3-4 times daily , Child. Not recommended .

23 - Co-phenotrope (( mixture of diphenoxylate HCL + atropine sulphate 100-1)

24 - Loperamide HCL ( dialop , loperasin , lopodium , sedomid ) tab. , cap. , syp ..... .. 4 mg initially followed by 2 mg after each loose stool up to 5 days. Child. Under 4 years not recommended .. 4 - 8 years 1mg 3-4 t.d for up to 3 day, 9-12 years 2 mg 4 times daily for up to 5 days .

25 - Diphenoxylate + atropine ( lomotil ) tab. , .. 2 tab every 6 hours .

## drugs to treat diarrhea

### anti-amoebic dysentery & anti-infective drugs .

ادويه لعلاج الاسهال ..... مطهر للامعاء و الدوسينتاريا الاميبية

26 - Metronidazole ( amrizole , dumozole , flagyl ) tab . , supp . syp , injection ... Adults, 6-8 tab. Daily in divided doses, child 1 tab/kg daily in divided doses ..

27 - Tinidazol ( fasigyn , protozol , cipazol ) .. 4 tablets (1gm) once daily or divided to two doses daily.

28 - Tinidazol + ciprofloxacin ( conaz , ciprofloxacin tz , peptic care , heli-cure , pyloact , tinidol plus) ..

- 29 - Diloxanid ( amoebyl , cystamebe , farcomid , furamebe ) .. 1 tablete 3 times daily directly after food for 7-10 days ..
- 30 - Metonidazole + Diloxanide ( dilozone , farcozol , flagimide , furamebe , furazole ) .. 1 tab 3 times daily ..
- 31 - Nifuroxazide ( antinal , dia-furyl , diastat , diax , ercefuryl , furfural , intest-relief , nifunal )
- 32 - Nitazoxanide ( antidiazo , nit clean , nitazode , protostop ) .. child over 11 years , 1 cap every 12 hrs ..
- 33 - Ornidazol ( ornidaz , tibeazol ) ..
- 34 - Colistin ( colimex , colistin ) .. 5 ml every 6 hours or one tab . every 6 hrs.
- 35 - Di-iodochlorohydroxy-quinolone ( interoquin , paramib ) .. Packets in 1/2 glass of water 3 times daily or one tab. 3 times daily .
- 36 - Di-iodochlorohydroxy-quinolone + hyoscin + streptomycin ( entocid ) .. Packets in 1/2 glass of water 3 times daily or one tab. 3 times daily .
- 37 - Lactobacillus ( lacteol forte ) .. It is lactic acid producing bacilli, its role of action depend on acidifying the intestinal contents , and so prevent the growth of putrefactive organisms bacterial diarrhoea, intestinal disturbances due to bacteria, and to reduce blood ammonia in liver disease ... dose : 1 capsule or 5 ml (for children) every 8 hours
- 38 - Pectin+caolin ( kapect , pectokal ) .. 5 ml 3 times daily after meals
- 39 - Pectin+caolin +sulphamethoxal (kapect comp.)
- 40 - Dioctahedral smectate ( smekta ) .. Child (below 1 year), 1/2 sachet dissolved in 1/2 glass of water 2-3 times daily ... Child (over 1 year), 1 sachet in 1/2 glass of water 2-3 t.d ... Syrup: 1 spoonfull 3 times daily ..

## Acute ulcerative colitis & crohn"s disease

### Aminosalicylates

ادويه لعلاج التهابات القولون و تقرحات الامعاء

- 41 - Mesalazine ( pentasa , proctasa , salazine , salofalk ) .. acute attack, up to 4 gm daily in 2-3 divided dose, maintenance 1.5 gm daily in 2-3 divided dose . tab. may be dispersed in water but should not be chewed, child under 15 no recommended.... Retention enemas, mesalazine 1 gm in 100ml-pack, 1 enema at bedtime, child not recommended....

Suppositories , ulcerative colitis , acute attack , 1 supp. daily for 2-4 weeks , maintenance , 1 supp. Daily, child not recommended .

42 - Olsalazine ( ) .. Acute attack, 1 gm daily in divided doses after meal increased as if necessary over 1 week to max. 3 gm daily (max. single dose 1 gm ).

43 - Sulphasalazine ( salasopyrine ) .. By mouth, acute attack 1-2gm 4 times daily until remission occurs (if necessary corticosteroid may also be given), reducing to a maintenance dose of 500 mg 4 times daily , child over 2 years, acute attack 40-60mg/kg daily , maintenance dose 20-30mg/kg daily .... As an enema, 3gm at night, retained for at least one hour .

## Acute ulcerative colitis & crohn"s disease

### Other drugs

ادويه اخرى لعلاج التهابات الامعاء المتقرحه

44 - budesonide ( enema-cort ) .. enema

45 - Infliximab

46 - mercaptopurine ( puri-menthol ) tab.

## Laxatives

### Bulk-forming laxatives

الادويه لعلاج الامساك ..... الالياف التي تزيد حجم و قوام البراز

47 - Ispaghula + plantago seed + senna ( agiolax) ... 2 teaspoonfuls in water once or twice daily, preferably at mealtimes, child 1 teaspoonful .. For diarrhea , 1 teaspoonful 3 times daily .

48 - Methylcellulose ( bene fiber ) powder ....

49 - Plantago herb ( laxiplant ) granules .. Plantago seed is a bulk-forming laxative, like many other laxative, plantago seed is not used in intestinal obstruction.

50 - Calcium polycarbophil (Evak ) tab ... .. 2 tablets 1-4 times daily with sufficient of water .

### Stimulant laxatives

ادويه مسهله تزيد من حركه الامعاء و تنشطها

51 - Bisacodyl ( dulcolax , abilaxin , bisadyl , laxin ,) tab., cap , supp .. 5-10mg at night occasionally need to increase to 15-20mg, child under 10 years 5mg ... By rectum, adult 10mg in the morning, child under 10 years 5mg Before surgery, by mouth , 10mg at bedtime for 2 days before or by rectum, 10mg 1 hour before surgery, child 1/2 adult dose .

52 - Calcium polycarbophil

53 - Glycerin ( glycerol ) supp ... ..

54 - Docusate sodium ( regutol , sobocusate ) enema , syp ..... .. By mouth, chronic constipation , up to 500mg daily in divided doses , child over 6 months 12.5 mg 3 times daily , 2-12 years 12.5-25mg 3 t.d with barium meal, 400mg

55 - Docusate sodium + bisacodyl ( minalax ) tab. , cap

56 - Sod. Acid phosphate ( phosphates enema ) enema ..

57 - Sodium picosulphate ( picolax , laxeol pl, laxoberal , skilax ) tab. , oral drops .. 5-10 mg at night, child under 4 4 years 250mcg/kg, 4-10 years 2.5-5mg at night, over 10 years 5-10mg at night .

### Osmotic laxatives ..

ادويه مسهله تزيد الضغط الاسموزي داخل الامعاء و بالتالي زياده نسبة الماء و تليين البراز

Osmotic laxatives increase the amount of water in the large bowel, either by drawing fluid from the body into the bowel or by retaining the fluid they were administered with

58 - Magnesium salts .. are useful where rapid bowel evacuation is required.

59 - Lactulose ( duphalac , lactoline , lactulax , lactulose , laxolac , sedalac ) syp ..... Constipation, initially 15ml twice daily, adjusted according to patient's needs, child under 1 year 2.5ml twice daily, 1-5 years 5ml twice daily, 5-10 years 10 ml twice daily . Hepatic encephalopathy, 30-50 ml 3 times daily , subsequently adjusted to produce 2-3 soft stools daily .

60 - Macrogols ( Movicol , forlax , fortans ) powder ..... 1-3 sachets daily in divided doses usually for up to 2 weeks content of each sachet dissolved in 1/2 a glass of water .

### Antacids & anti-flatulants

ادويه مضاده للحموضه و الانتفاخ

تخفف تلك الادويه من الاحساس بالامتلاء و الانتفاخ و الميل للترجيع التي قد تحدث نتيجة تقرحات المعده و الاثنى عشر

Dyspepsia cover pain, fullness, bloating, or nausea. It occur with gastric and duodenal ulceration and gastric cancer but most commonly it is of uncertain origin .

Helicobacter pylori infection may be present in patient with dyspepsia. H. pylori eradication therapy should be considred for dyspepsia if it is ulcer-like. However, most individuals with functional (investigated non-ulcer) dyspepsia do not benefit symptomatically from H. pylori eradication. Urgent investigation is required if the dyspepsia is accompanied by (alarm symptoms) e.g bleeding dysphagia, recurrent vomiting, and weight loss.

61 - aluminum hydroxid + dimethicone + magnesium oxid ( alkasilon + gelcosicone ) susp..

62 - dihydroxy aluminum sodium carbonate + simethicone (alucal plus) chewable tab.

63 - aluminum hydroxid + magnesium trisilicate + peppermint oil (alumag) tab.

64 - aluminum hydroxid + magnesium oxid + dimethicone ( alusil) chewable tab

65 - aluminum hydroxid + magnesium hydroxid + dimethicone ( antacidin , epicogel , lubirna , Maalox plus) chewable tab / susp

66 - aluminum hydroxid + magaldrate + magnesium hydroxide ( compagene ) tab.

67 - aluminum hydroxid + famotidine + magnesium hydroxide ( epcifam plus) chewable tab. / eff.granules

68 - aluminum hydroxid + magnesium trisilicate + sodium alginate ( flux free ) chewable tab.

69 - aluminum hydroxid + magnesium oxid + oxethazine ( gelcocaine , mucalgin , mucogel) susp.

70 - aluminum hydroxid + magnesium hydroxid + aluminum phosphate (moxidar) tab.

71 - aluminum hydroxid + magnesium oxid ( neo-gelco , semico) susp.

72 - dihydroxyaluminium sodium carbonate ( semical ) chewable tablet

73 - aluminum hydroxid + magnesium carbonate + silica ( topal sachets )

Dose : one tab . or 10 ml 3-4 times daily

74 - **Al-hydroxide** .. indicated in dyspepsia , hyperphosphatemia .. contra-indicated in constipation ..... Dose : Tablet, 1-2 tablets chewed 4 times daily .. or, 0 ml 3 times daily in water.

75 - **Magnesium trisilicate** ( hydrotalcite) .. indicated in dyspepsia .. 10ml between meals & at bedtimes, child under 6 years not recommended, 6-12 years 5 ml .

76 - **Al-Mag-complexes+simethicone** .. 5-10 ml 3 times d. after meal and bed time

77 - **Simethicone** alone ( baby rest , disflatyl , flatidyl , luftal , maxiflat , simethicone ) oral drops , chewable tab , .... Is anti-foaming agent for colic of infants . 2,5 ml with or after each feed max 6 doses daily .

78 – **Simethicone + Menthol** ( mentothicone ) caps..

79 - Compound alginate + Magaldrate ( sedo-mag ) susp..... 1-2 tab chewed after meal and at bed time followed by water .

80 - Dihydroxyaluminium sod carbonate ( alucal , semical ) tab

81 - Dihydroxyaluminium sod carbonate + simethicone ( alucal plus ,) .... indicated in Peptic ulceration, gastritis, oesophageal reflux with heart pain , flatulence & hyperacidity ... one chewable tab. 3-4 times d. or when needed .

82 – Magaldrate ( acicon , antacid jedco , glycodal , miopan , riopan ) chewable tab , susp ...

83 - Magaldrate + dimethicone ( acicon s , magsilone , miopan plus , neutralon , riopan plus ) 15 ml or 1 chewable tablete 3-4 times daily or when needed .

84 - Sod. alginate + pot. bicarbonate ( algicab ) .. 15 ml or 1 tab- chewable 3-4 times daily .

## Drugs used to treat peptic & duodenal ulcers

### H2-receptor antagonists

ادويه لعلاج قرحة المعدة و الاثنى عشر ..... ادويه مضاده لمستقبلات الهيستامين انتش ٢

All H2-receptor antagonists heal gastric and duodenal ulcers by reducing gastric acid output as a result of histamine H2-receptor blockade, they can also to relieve gastro - oesophageal reflux disease. High doses of H2-receptor antagonists have been used in the Zollinger-Ellison syndrome, but a proton pump inhibitor may now be preferred.

85 - Cimetidine ( acidnor , histodil ) tab., susp. , injection .... 400mg twice daily (with breakfast and night) or 800mg at night (benign gastric and duodenal ulceration) for at least 4 weeks ( 6 weeks in gastric ulceration, 8 weeks in NSAID- associated , ulceration ..... By IM injection, 200mg every 4- 6 hrs ... By IV infusion , 200 - 400mg (may be repeated every 4 - 6 hours) or by continuous iv infusion usually at a rate of 50 - 100mg/hour over 24 hrs, max. 2.4g daily .

86 - Famotidine ( antodine , epcifam , famocid , famo-plus , famotak , famotin , gastrodmina , servipep , peptic , ulceteck , ulfamid) tab. , susp. Eff. Tab. granules .....40 mg at night for 4-8 weeks, maintenance (duodenal ulceration), 20mg at night, child not recommended.... Reflux oesophagitis, 20 - 40 mg twice daily for 6-12 weeks. maintenance, .20 mg twice daily ... available in tab. Chewable tab . and injection.

87 - Nizatidine ( domadine , nizatect , nizatine , receptoloc , ulcef free ) cap .... By mouth, benign gastric, duodenal or NSAID - associated ulceration, treatment, 300mg in the evening or 150mg twice daily for 4-8 Weeks, maintenance, 150 mg at night child not recommended .... By IV infusion, For short - term use in peptic ulcer hospital inpatients as alternative to oral route, by intermittent IV infusion over 15 minut 100mg 3 times daily, or by continuous IV infusion, 10 mg/ hour max. 480 mg/daily, children not recommended .



88 - **Ranitidine** ( acilight , aciloc , apo-rantidine , epiran , gastac , histac , osmoran , pylorid , ranacid , rani , ranitak , ranitidine , rantiblock , rantidole , ulcecure , zantac ) tab , injection , eff. Tab , syp . , sachets .

By mouth, 150mg twice daily or 300 mg at night (benign gastric & duodenal ulceration) for 4-8 weeks, up to 6 weeks in chronic episodic dyspepsia, & up to 8 weeks in NSAID – associated ulceration (in duodenal ulcer 300mg can be given twice daily for weeks .. maintenance, 150 mg at night , child (peptic ulcer) 2 - 4mg/kg twice daily , max. 300 mg daily..... By IM injection, 50mg every 6-8 hrs ... By IV infusion, 25mg/hr for 2 hr . may be repeated every 6-8 hrs .

### Other drugs for peptic ulcers

ادويه اخرى لعلاج قرحة المعدة و الاثنى عشر

89 - **Misoprostol** ( misoprost , misotac , vagiprost ) .. available in tab. And supp ..

90 - **Tripotassium dicitratobismuthate** ( Tricate , de-nol ) tab ..

91 - **Sucralfat** ( gastrofai , ulcer , ulcicure ) tab. , susp .. 1 gm 4 times d. 1 hr before meal and bed time for 4-6 Weeks .

### Other drugs for peptic ulcers

#### Proton pump inhibitors

ادويه اخرى لعلاج قرحة المعدة و الاثنى عشر ... المجموعه التي تمنع مستقبلات خلايا المعدة من ضخ الهيدروجين الموجب الشحنة داخل جدار المعدة

92 - **Omeprazole** ( eprazole , fasticure , gasec , gastrazole , hastroloc , healsec , hyposec , lees-sec , losec , minaprazole , napizole , omepral , omez , omisec , pepzol , risek , ulstop ) tab. , cap , injection . ..... By mouth , benign gastric and duodenal ulcers, 20 mg once daily for 4 weeks in duodenal ulceration or 8 weeks in gastric ulceration in severe or recurrent cases increase to 40 mg d., maintenance for recurrent duodenal ulcer, 20 mg once daily..

93 - **Esomeprazole** ( esmopump , esompex , ezogast , nexium , nixprazole ) tab. , cap . ..

94 - **Omeprazole + clarithromycin + tinidazole** ( heli-cue , peptic care , pyloact , trio-clear ) ... 1 cap 2 times daily for 14 days ...

95 - **Rabeprazole** ( bepra , idizole , pariet , rabezole , rabicid ) tab ... 20mg daily in the morning for 6 weeks if not fully healed .

96 - **Pantoprazole** ( antopral , controloc , delpanto , pantazol , pantoloc , perloc , protofix ) tab. , injection ..... 20mg twice daily or 40mg once daily ..

### Drugs used to treat hepatic disease

ادويه تستعمل لتنشيط خلايا الكبد و ازاله دهون الكبد و معالجه فيروسات الكبد الوبائيه

97 - **Silymarin** ( hepamarin , hepaticum , legalex , legalon , livamarin , mariagon ) tab. , cap , susp , sachets .... tab. 2-3 times daily

- 98 - Silymarin + cynara ext. + magnesium oxid ( cyncholine) caps
- 99 - Silymarin + glutathione + vit.b12 + vit. C ( glutomarine ) caps
- 100 - Silymarin + acetylcysteine ( hepaguard ) tab
- 101 - Silymarin + curcumin ( hepapro ) cap
- 102 - Silymarin + orotic acid + phospholipid ( hepatic fort ) caps
- 103 - Silymarin + diphenyl dimethyl dicarboxylate ( mepa-cure ) caps
- 104 - Silymarin + ursodeoxycholic acid ( ursoplus ) caps
- 105 - Ursodeoxycholic acid ( biliver , livagoal , ursogoal , ursochol , ursodiol , ursodol , ursofalk , ursogall , ursomix , ursotwin ) cap . , susp ..... 1 cap. 2-3 times daily
- 106 - L-ornithine-L-aspartate ( aspatrend , heap-merz , lolawest ) powder sachets , injection ..... 1 sachet in plenty of water 1-2 times daily after meal .
- 107 - Ribavirin ( hepatovirin , panvirin , riba , ribazole , ribovinal , viracure , virazole , virin , virokan ) caps & syp. ..
- 108 - Anti-oxidant ( selenium ACE , Antox ) tab. .... contain Thiamine (B1) , Riboflavin (B2) , Niacin (B3) , Pantothenic acid (B5) , Pyridoxine (B6) , Folic acid (B9) , Cobalamine (B12) , H biotin , Vit. E , Vit. A , Cu , Zn , lecithin , glutathione , trace elements ..... dose : one tab or cap . twice daily ..
- 109 - Liver supports ( levanox , hepanox , liverin , livateck , hipamax , liver albumin ) tab. & caps ... contain anti-oxidants , multi-minerals , aminoacids and some proteins ( e.g . albumin) and some herbal ext .dose : one tab or cap . twoic daily ..
- 110 - Acetylcysteine ( ACC , Acesolve , acetylcysteine , mucomyst ) sachets , tab , susp , eff. tab..... .. is a sulphahydril compound that is used in treatment of paracetamol poisoni It assists in the conjugation of toxic metabolites of paracetamol and so help to prevent hepatic necrosis . one packet in half glass of water twice daily ..
- 111 - Acetylcysteine + Silymarin ( hepaguard ) tab... .. one tab twice daily ..

## Analgesics

### Non-opoid analgesics

( المسكنات غير المخدرة )

- 112 – Acetylsalicylic acid ( aspain , aspico , aspirin , aspo nasr , aspocid , aspirin , asprotect , bufferin , cardiprin , ecoprin , ezacard , jusprin , rhonal , rivo , ) tab. Chewable tab. , supp ..... is indicated for headache, transient musculoskeletal pain, dysmenorrhoea and

pyrexia in inflammatory conditions . ... available in tab. And injection forms ..... By mouth , 300-900 mg every 4-6 hrs necessary, max. 4gm daily, child & adolescent not recommended . &

113 - lysine acetylsalicylic acid ( amrigic , aspegic ) .. vial ... used twice daily or when needed ..

114 - Acetylsalicylic acid + caffeine ( aspinol , askin , aspirin caf , super rivo ) tab

115 - Acetylsalicylic acid + phenobarbitone ( doloran ) inf. Supp ..

116 - Acetylsalicylic acid + Vit. C ( asprin C , Aspocid C )

117 – Paracetamol ( abimol , acetaminophene , adol , cetol , cetamol , effergal , fevano , gripo , novaldol , panadol , paracetamol , paralex , paramol , paratuss , para-xenos , perfalgan , pharmalgan , pyral , pyremol , temporal , tempra ) syp. , supp , tab. Susp , injection , sachets , oral drops ..... available in tab , cap , injection , eff. , syp , and supp. Forms .

It is similar to aspirin , but has no demonstrable anti-inflammatory activity .. It is less irritant to stomach, so it is preferred to aspirin , particularly in elderly . ....

By mouth , 0.5-1 gm every 4-6 hrs to max. of 4gm daily, child 2 months 60 mg for post-immunisation pyrexia, otherwise under 3 months 10mg/kg (5mg/kg if jaundiced , 3 months-1 year 60-120mg, 1-5 years 120-250mg , 6-12 years 250-500mg , these doses may be repeated every 4-6 hrs when necessary (max of 4 doses) in 24 hours.....

By rectum , Adult and child over 12 years 0.5-1 gm up to 4 times daily , child 1-5 years 125-250mg , 6-12 years 250-500mg , ..... Effervescent tablets , 1-2 tab in water every 4-6 hrs , max. 8 tab daily, child 6-12 years 1/2-1 tab , max. 4 daily.

118 - Paracetamol + caffeine ( abimol extra , adol extra , bienadol , cefacet , molfen , panadol extra , para-xenos , pronto plus , pyral extra ) tab

119 - Paracetamol + terfenadine ( histamol ) tab

120 - Paracetamol + ibuprofen ( parofen , acetapofen , brufemol , cetafen , ibuflam , megafen , mepabrufen ) tab.

121 - Paracetamol + methocarbamol ( methorelax ) tab

122 - Paracetamol + metoclopramide ( passamol , flexpro extra , migaura , migracid ) tab & syp.

123 - Paracetamol + chlorzoxazone ( parafon , relax , relaxiged , relaxon , myoflex , myolax , myolgin ) tab. & cap

124 - Paracetamol + carisoprodol ( myorelax , somadril ) caps & injection

- 125 - Paracetamol + orphenadrin ( orphamol , orphenadrin-plus , norgesic , orphamol ) tab
- 126 - Paracetamol + methionin ( paralex plus , parathione , tempigesic , hepamol ) tab
- 127 - Paracetamol + prifenium bromide ( prispasm compound) tab & injection
- 128 - Paracetamol + phenobarbitone ( sedamol , vegaskine ) paed.supp.
- 129 - Paracetamol + pseudoephedrine ( sinutab , adol sinus , cetaphed ) tab
- 130 - Paracetamol + tramadol ( tramacet , zaldair ) tab
- 131 - Paracetamol + pamabrom ( acetoful) tab
- 132 - Paracetamol + drotaverine ( anasbasm ) TAB
- 133 - Paracetamol + hyoscine ( buscamol , buscopan plus ) tab & injection
- 134 - paracetamol + Vit.C ( cevamol , efferalgan with vit.C ) eff. tab
- 135 - paracetamol + dantrolene ( dantrelax ) caps
- 136 - Tolfenamic acid ( fastgraine ) eff. Disp. Tab .. used for Treatment of acute migraine attacks . ... 200mg at onset repeated once after 1-2 hours if necessary .
- 137 – **Ketoprofen** ( alcofan , bi-alcofan , bi-ketolgesic , bi-profenid , doloket , fastum , flamibru , hesiket , kefentech , ketalgiban , ketofan , ketolgesic , ketolgin , ketoprek , ketoprof , ktiti , kupan , mepacofen , orudis , profenid , top fam ) .. available in tab. , cap. Supp . , inj. , gel , and supp .. Dose : 25: 50 mg. 3 times daily after meal .
- 138 - dexketoprofen ( dexaprof , dexketoprofen ) tab
- 139 - Ketoprofen + chlorzoxazone ( flexofan) caps
- 140 - Ketoprofen + hyoscin ( spasmofen , fast free ) .amp ..
- 141 - Glafenine ( analfan , glaphine , glifanan , glifen ) .. 1:2 tab. 2 -3 times daily
- 142 - Mefenamic acid ( farostan fort , mafebain , mefentan , poagic forte , pono , ponoforte , ponstan forte ) cap & tab ... 500mg 3 times daily preferably after food; child over 6 months , 25 mg/kg daily in divided doses for not longer than 7 days, except in juvenile arteritis.
- 143 - **Metamizol sodium** ( analgesic oblong , analgin , novalgin , novacid , oblong pharmalgin ) tab . oral drops , supp , injection , syp ..... .. 1-2 tab. For mild to moderate pain 5 ml. 3 times as antipyretic analgesic .

144 – Ketorolac tromethamine (adolor , dolomine , fam , fam , ketolac , ketoral , ketorolin , ketrac , samulgin )...tab. , amp..

## Opoid analgesics

المسكنات المخدرة

145 - Nefopam ( nefobain , nopain ) tab , injection.. By mouth, initially 60mg (elderly 30mg) 3 times daily, adjusted according to response, usual range 30-90mg 3 times daily , child not recommended . By Im injection, 20mg every 6 hr. child not recommended .... N.B. Nefopam HCL 20mg inj. = 60mg by mouth.

146 – Morphine ( morphine sulfate , mst ) tab , injection ..... morphine remains the most valuable opoid analgesics for severe pain although it frequently causes nausea and vomiting. In addition to relief of pain, morphine also confers a state of euphoria and mental detachment .... Morphine is the the opoid of choice for the oral treatment of severe pain in palliative care. It is given regularly every 4 hours (or every 12-24 hrs as modified-release preparations .

Dose : Acute pain, by sc or im injection , 10mg every 4 hrs, child up to 1month 150mcg/kg, 1-2 months 200mcg/kg, 1-5 years 2.5-5mg , 6-12 years 5-10mg. .. by slow iv inj. 1/4-1/2 im dose .. ... Postoperative pain, by sc or im inj., 10mg every 2-4 hrs if necessary , child up to 1 month 150mcg/ kg, 1-12 months 200mcg/kg, 1-5 years 2.5-5 mg , 6-12 years 5-10mg.

147 - Codein phosphate .. By mouth, 30-60mg every 4 hrs when necessary , to max. of 240 mg daily , child 1-12 years , 3 mg/kg daily in divided doses .. By im injection, 30-60 mg every 4 hrs when necessary .

148 - Diamorphine ... Acute pain, by sc or im inj. 5mg repeated every 4 hrs if necessary ... By slow iv injection , 1/4 -1/2 corresponding im dose .

149 - Nalbuphine HCL ( nalpain , nalufin , nubain) injection .. moderate to severe pain, by sc , im, or iv inj, 10-20mg for 70kg patients, child up to 300mcg/kg repeated once or twice as necessary ... Premedication, by sc, im, iv inj. 100-200mcg/kg, induction by iv inj. 0.3-1mg/kg over 10-15 min .

**150 – Tramadol** ( amadol , contramal , tamol , tradol , trama , tramadol , tramal , tramax , tramundin , ultradol ) tab. , caps , supp , oral drops .. By mouth, 50-100 mg not more often than every 4 hrs, total of more than 400mg daily by mouth not usually required, child not recommended ..... By im or by iv injection, or by iv infusion, 50-100 mg every 4-6 hours ... Postoperative pain, 100mg initially then 50 mg every 10-20 min, if necessary during first hour to total max. 250mg (including initial dose) in first hour, then 50 - 100 mg every 4-6 hours, max. 600mg daily .

## Antimigraine drugs

ادوية لمعالجة الصداع النصفي

151 - Sumatriptan ( imigran , megatab , sumagrain , sumaptan , sumigran ) tab. , injection ..... .. By mouth, 50mg (some patients may require 100mg) as soon as possible after onset (patient not responding should not take second dose for same attack , dose

may be repeated after not less than 2 hrs if migraine recurs max. 300mg in 24 hours ,  
(Child and adolescent under 18 years not recommended.

By sc injection 6mg , dose may be repeated once after not less than 1 hour if migraine recurs , max. 12mg in 24 hrs, child and adolescent under 18 years not recommended .

**152 - Ergotamine tartarate** ( amigraine , lotense ) tab.... .. 2 tablets usually when migraine attack can be repeated up to 3 times daily .

- Ergotamine + camylofen ( spasmomigran ) Tab..

**153 - Zolmitriptan** ( amigrawest , no-migran , solpadol , zomig ) ..

**154 - Pizotifen** ( mosegor ) tab & syp .. indicated in Prevention of vascular headache including classical migraine and common migraine, also cluster headache.

**155 - Clonidine hydrochloride** ( catapress , clopress ) tab ..... 50 ugm twice daily, increased after 2 weeks to 75 mcg twice daily if necessary . child not recommended.

**156 - Methysergide** .. 1mg at bedtime, increased gradually to 1-2mg 3 times daily with food (over about 2 weeks .

**157 - Amitriptyline** ( amitriptine , tryptizol ) tab., cap .... .. 25 mg. 3 times daily can be increased to 50mg. 3 times daily Elderly 10 mg. Up to 3 times daily .

## Anticonvulsant & antiepileptic drugs

ادويه لمعالجة الصرع و التشنجات

**158 - Carbamazepine** ( arbateg , carbapex , carbatol , mazemal , neurotop , tegral , tegrabin , tegrazepine , tegretol , tonocolone ) tab . , susp ..... .. indicated in 1-Partial and secondary generalized ( tonic-clonic seizures) .. 2-Some primary generalized seizures ...3-Trigeminal neuralgia ... dose : By mouth : epilepsy, initially 100-200mg 1-2 times daily, increased slowly to usual dose of 0.8-1.2 g daily in divided doses, elderly reduce initial dose, child daily in divided doses, up to 1 year 100-200mg , 1-5 years 200-400 mg , 5-10 -years 400-600mg, 10-15 years 0.6-1 gm .

Trigeminal neuralgia, initially 100 mg 1-2 times daily , increased gradually according to response, usual dose 200mg 3-4 times daily, up to 1.6gm daily in some patients .

**159 - Oxcarbazepine** ( oxaleptal , trileptal ) .. tab . and susp ..

**160 - Ethosuxamide** ( ethoxa , zarontin ) availabl in syp. And tab. Forms ... Is sometimes used in absence seizures; it may also be used in myoclonic seizures & atypical absence, atonic, and tonic seizures . ... Dose : Adult and Child over 6 years initially, 500mg daily, increased by 250 mg at intervals of 4-7 days to usual dose of 1-1.5 gm daily , occasionally up to 2 gm daily may be needed, child up to 6 years initially 250 mg daily, increased gradually to usual dose of 20mg/kg daily.

**161 - Gabapentin** ( adaptan , conventin , gabalepsy , gaptin , neuroglopentin , neurontin ) cap , oral solution , tab. .... Can be given as adjunctive therapy in partial epilepsy with or without secondary generalisation .. It is also used for the treatment of neuropathic pain .... Dose : Epilepsy, 300mg on day 1, then 300 mg twice daily on day 2 , then 300mg 3 times daily on day 3, then increased according to response in steps of 300 mg .daily (in 3 divided doses) to max. 2.4 gm daily , usual range 0.9-1.2gm d.

**162 - Lamotrigine** ( labileno , lamictal , lamotrine , larogen , leptrogine ) tab. , chewable tab , .. Is an antiepileptic for partial Seizures, primary & secondary generalised tonic-clonic seizures . May be used alone or as adjuncts to treatment with other antiepileptics .... monotherapy, initially 25mg daily for 14 days, increased to 50 mg daily for further 14 days, then increased to max. of 50-100 mg every 7-14 days, usual maintenance dose 200-400 mg daily in 2 divided doses (up to 700 mg daily .

**163 - Entacapone** ( comtan , parkicapon , stalevo ) tab... .. indicated in Different types of Epileptic seizures ... dose : 15:30mg./kg./Daily .

**164 - Phenobarbital** ( sominal , sominaletta ) tab. , syp . , supp .... .. They are effective for tonic-clonic and partial seizures but may be sedative in adults and cause behavioural disturbances and hyperkinesia in children . .

**165 - Primidone** ( pridone ) tab. , susp ..... is largely converted to phenobansible for its antiepileptics action ... By mouth, 60 -180 mg at night , child 5-8 mg/kg daily . ... By IM inj. For acute seizure, 200 mg, repeated after 6 hrs if necessary .

**166 - Phenytoin** ( epanutin , healosol , ipanten , pharoton , phenytin , phenytoin ) ..available in Susp. & tab. , inj. Forms ..... indicated in 1-All forms of epilepsy except absence seizures ... 2-Trigeminal neuralgia, if carbamazepine inappropriate ..... Dose : By mouth , Initially 3-4 mg/kg daily or 150-300mg as a single dose or in 2 divided doses) increased gradually as necessary, usual dose 200-500mg daily . By intravenous injection or infusion 15 mg/kg at a rate not exceeding 50 mg per minute, maintenance doses of about 100mg should be given thereafter at intervals of every 6-8 hrs, child 15mg/kg as a loading dose .

**167 - sodium valproat** ( convulex , daviken , dekadell , depakin , seizolow , valpo , valpoeast , valokine , valponex , valprotec ) available in Susp. & tab. , inj. Forms..... indicated in All forms of epilepsy ... dose : By mouth, initially, 600 mg daily given in 2 divided doses, preferably after food, increasing by 200mg/day at 3-day intervals to a max. Of 2.5gm daily in divided doses, usual maintenance 1-2 gm daily (20-30mg/kg daily ... By iv injection (over 3-5 min.) or by iv infusion, 400-800mg (up to 0mg/kg) followed by iv infusion up to max. 2.5gm daily . ... Child, usually 20-30 mg/kg daily may be increased above 40 mg kg daily .

**168 - Clonazepam** ( amotril , apetryl , clopam , klozepam , rivotril , ronatril , sigotryl ) tab. , oral drops , ..... indicated in 1-Status epilepticus , Other forms of epilepsy , Myoclonus .... Tab. And inj. Forms ... By IV injection into large vein (over 30 seconds) or by IV infu sion, 12 mg if necessary; child all ages, 500 mcg .

**169 - Diazepam** ( calium , E N , farcozepam , epival , neural , stesolid valinil , valpam ) ... tab , inj. , and syp. Forms ... indicated in Status epilepticus; convulsions ue to poisoning and others ... By IV injection , 10-20 mg at a rate of 0.5ml (2.5 mg) per 30 secons,

repeated if necessary after 30-60 minutes, max. 3mg /kg over 24 hrs. Child 200-300mcg/kg or 1mg per year of age .

**170 - Topiramate** ( conviban , delpiramate , sprinkazen , topamax ) .. tab. Form ... indicated in Monotherapy and adjunctive ttt of generalised tonic-clonic seizures or partial seizures with or without secondary generalisation, adjunctive ttt of seizures in Lennox-Gastaut syndrome .....

Dose : Monotherapy, initially 25mg daily at night for 1 week then increased in steps of 25-50 mg daily at intervals of 1-2 weeks taken in 2 divided doses, usual dose 100mg daily in 2 divided doses , max. 400mg daily , child 6-16 years, initially 0.5-1 mg/kg daily at night for 1 week, then increased in steps of 0.5-1mg/ kg daily at interval of 1-2 weeks taken in 2 divided doses, usual dose 3-6mg/kg daily on divided doses, max. 10 mg/kg daily .

## Sedatives & hypnotics & anxiolytics

### ادويه مسكنه و منومه و تعالج القلق

**171 - Zaleplon** ( siesta , sleep-aid , zalosed ) tab. , cap ..... indicated in insomnia .. 10 mg at bedtime or after going to bed if difficulty falling asleep , elderly 5 mg, child under 18 y , not recommended .

**172 - Zolpidem** ( stilnox , zodium ) tab .... indicated in insomnia .. 10 mg at bedtime, elderly 5mg , child not recommended .

**173 - Zopiclone** ( hypnor , night calm ) tab .... indicated in insomnia .. 7.5mg at bedtime, elderly Initially 3.75mg at bedtime increased if necessary, child not recommended.

**174 - Valeriana extract** ( dormival ) caps ..... have the properties of relieving .. insomnia & creating more smooth & adequate hypnotic effect . ... 2:3 tab. at bed time

**175 - Cimicifuga racemosae rhizome** ( menoreif , klimadynon ) tab.

**176 - Lorazepam** ( Apo-lorazepam , ativan , tranexene , zepexene ) tab ..... 1mg at bedtime, increased to 1.5 or 2 mg if required; elderly 0.5-1mg; child not recommend .

**177 - Lormetazepam** ( loramet ) tab ..... 0.5-1.5mg at bedtime; elderly 500ugm; - child not recommended.

**178 - Clorazepame dipotasium** ( tranexene , zepexene ) caps ..... 7.5-22.5 mg daily in 2-3 divided doses or a single dose of 15mg at bedtie; elderly half adult dose Child not recommended .

**179 - Bromazepam** ( bromazanil , bropam , calmepam , calmetanil , lexopam , lexotanil , neo-opt ) tab.

**180 – Tetrazepam** ( myolostan , tethexal ) tab...

**181 - Alprazolam** ( alprax , anxigo , prazolam , prazonex , restolam , xanax , zolam ) tab.



182 - Midazoam ( midathetic ) amp.

183 - Chloral ... Sedative, hypnotic & Anxiolytics ... syp .. 60 : 180 mg. Dail .

184 - Buspiron ( buspar , buspiro , exupar , neurobus , seropar ) tab ..... is an Anxiolytic with dopaminergic and anticholenergetic activity . ... 5 mg. 3 times daily - maximum 60mg./day .

185 - Meprobamate + cyclonium br. ( tranquomon ) tab ..

186 - Phenobarbitone ( sominal , sominalitta ) .. tab. , elixir & inj .. The adult daily dose of phenobarbitone is 60 -180 mg. The serum half-life is 24-48 hours and so once daily administration, at night, is usually sufficient , Phenobarbitone can be given i.m. 200mg repeated after 6 hours if necessary. For IV injection, the drug should be diluted 1 in 10 with water before injection .

187 - Thiopental ....inj ..... is an ultrashort-acting depressant of the central nervous system which induces hypnosis and anesthesia, but not analgesia. It produces hypnosis within 30 to 40 seconds of intravenous injection.

## Antipsychotics

### ادويه لمعالجه الحالات النفسيه

Neuroleptics are antipsychotic agents with a common pharmacological action - they are dopamine D2 receptor antagonists. The term of neuroleptics indicates dopamine receptors antagonists active in the treatment of psychosis .

لتلك الادويه تأثير مثبط لمستقبلات الدوبامين دى ٢ بالمخ و لذلك تقلل من تأثير الدوبامين على تلك المستقبلات و على هذا الاساس تؤدى عملها ، لذلك تعالج الانفصام فى الشخصيه و الانطواء و الانزواء و الهياج و الاثاره النفسيه .....

## Phenothiazines

### ادويه لمعالجه الحالات النفسيه ( مجموعه الفينوسيازين )

188 - Chlorpromazine ( largactil , neurazine , promacid ) .. amp ., drops , tab. And . supp ... 25:100 mg. 3 times daily - the dose orally - injection or rectal.

189 - Trifluoperazine ( Stelasil ) .. tab ..

190 - Fluphenazine ( medicate , moditen , motival ) .. ing. And tab ... is Neuroleptics also known as (major tranquilizers) .... 1vial every 2:6 weeks ..

191 - Thioridazine ( melleril , thiozin ) .. tab ... 50-100 mg three times a day, with a gradual increment to a maximum of 800 mg daily if necessary.

## Antipsychotics

ادويه اخرى لمعالجه الحالات النفسيه

192 - sulpiride ( dogmatil , topmode ) .. tab . and cap .. Schizophrenia 200-400 mg./ 12 hrs , Spastic colon and Peptic ulcer 100-200mg. Daily .

193 - Amisulpirid ( amipride) ..

194 - Clozapine ( clozapex , clozapine , leponex , medazepine , schizonex , zaclo ) .. tab... indicated in Schizophrenia. - & related psychic disturbances .... 12.5:25mg. Daily can .be increased up to 200mg./day ..

195 - Haloperidol ( haldol , halonace , haloprol , peridol , safinace ) tab. , oral drops , injection ..... .. indicatd in schizophrania, and mania .

196 - Pimozide ( orap-forte , pimozide ) tab..

197 - Risperidone ( apexidone , psychodal , riscure , risdal , rispadex , risperdal , schizodal , schizoperdal , sigmadone , zesperone ) tab . , syp , oral solution , injection ..... Starting 1mg. 2 times daily , continous dose 2:4mg. 2 times daily ..

198 - Zuclopenthixol ( clopixol ) amp . dose, up to 150mg.daily , may be given every 2:4 weeks .

199 - QUETIAPINE ( psyquel , quitapex , seroquel , shizotec ) .tab ..... considered a broad-spectrum antipsychotic for first onset schizophrenia and acute relapse superior to haloperidol in treating negative and positive symptoms ... has a very weak (if any) propensity to produce extrapyramidal side-effects or hyperprolactinoma .

200 - Sertindole ( serdolect ) tab ..... Sertindole is effective against positive symptoms of schizophrenia, while not causing anticholinergic or extrapyramidal side effects.

201 - ziprasidone ( zeldox ) cap ..

## Antidepressant drugs

### Tricyclic antidepressants

ادويه مضاده للاكتئاب ( مجموعه الترابيسيكالك )

تقوم تلك الادويه بزيادة تركيز الناقلات الكيماويه عند مستقبلاتها داخل خلايا المخ لأكثر فتره ممكنه و على هذا الاساس تقوم بعملها .....

202 - Amitriptyline HCL ( amitriptyne , tryptizol ) tab & cap .. indicated in Depressive illness, particularly where sedation is required & nocturnal enuresis in children ..... initially 75mg (elderly and adolescents 30-75mg) daily in divided doses or as a single dose at bedtime increased gradually as necessary to 150-200mg, child under 16 years not recommend ed for depression ..

203 - Nortriptyline + Fluphenazine ( motival ) tab.. ..

204 - Imipramine hydrochloride ( toframine , tofranil ) tab .. .. indicated in Depressive illness & Nocturnal enuresis in children ... initially up to 75 mg daily in divided doses increased gradually to 150-200 mg ; up to 150mg may be given as a single dose at bedtime ..

205 - Maprotiline hydrochloride ( ludiomil ) .. tab .. indicated in Depressive illness, particularly where sedation is required .. Initially 25-75 mg (elderly 30mg ) daily in 3 divided doses or as a single dose at bedtime, increased gradually as necessary to max. 150 mg daily; child not recommended .

206 - Mianserin hydrochloride ( Tolvon) .. tab .. Initially 30-40 mg (elderly 30mg ) daily in divided doses or as a single dose at bedtime, increased gradually as necessary ; usual dose range 30-90mg; child. not recommended .

207 - Trazodone hydrochloride ( tritico ) . tab . ... Depression, initially 150mg (elderly 100mg) daily in divided doses after food or as a single dose at bedtime; may be increased to 300 mg daily; hospital patients up to max. 600mg daily in divided doses ..

.- Anxiety, 75mg daily, increasing if necessary to 300mg daily

208 - Clomipramine ( anafranil , anafronil , anamepral , anapramine , supranil ) .. tab .. and cap ..

209 - Dothiepin ( prothiadine ) tab ..... indicated in Depressive illness, particularly where sedation is required ..... initially 75 mg (elderly 50-70mg ) daily in divided doses or as a single dose at bedtime, increased gradually as necessary to 150mg daily (elderly 75mg may be sufficient); up to 225mg daily in some circumstances. Child not recommended ..

## Antidepressant drugs

### Monoamine oxidase inhibitors

ادويه مضاده للاكتئاب ( مجموعه مونو امينو اوكسيداز )

are a class of antidepressants that help brain neurotransmitters remain active longer, which may lead to a reduction in symptoms of depression ... MAOIs are used much less frequently than tricyclic antidepressants and related antidepressants , or SSRIs and related antidepressants because of the dangers of drug and dietary interactions .

تقوم تلك الادويه بزيادة تركيز الناقلات الكيماويه عند مستقبلاتها داخل خلايا المخ لأكثر فتره ممكنه و على هذا الاساس تقوم بعملها و لكن تلك المجموعه اقل المجموعات استخداما نظرا لتفاعلاتها الكثيره مع الادويه و بعض الوجبات ...

210 - Phenelzine ... 15 mg 3 times daily , increased if necessary to 4 times daily after 2 weeks (hospital patients, max 30 mg 3 times daily), then reduced gradually to lowest possible maintenance dose (15mg on alternate days). Child not recommended .

211 - Tranylcypromine ( parnetil ) .. tab .. initially 10 mg twice daily not later than 3 p.m, increasing the second daily dose to 20mg after 1 week if necessary ; doses above 30 .mg daily under close supervision only; usual maintenance dose 10mg daily .

## Antidepressant drugs

### Selective serotonin reuptake inhibitors (SSRIs)

ادويه تقلل التقاط الخلايا العصبية لهورمون السيروتونين ( الناقل الكيميائي ) و بالتالي زياده تركيزه امام مستقبلات خلاياه العصبية

Citalopram, escitalopram, fluoxetine, fluvoxamine, paroxetine, and sertraline .. selectively inhibit the re-uptake of serotonin (5-hydroxytryptamine, 5-HT); they are termed selective serotonin re-uptake inhibitors (SSRIs). ...

Advantages over tricyclics include .. Less sedative; cause fewer anticholinergic effects; have fewer cardiovascular effects and thus are safer in overdose than tricyclics; have a lesser effect on psychomotor performance .

**212 - Venlafaxine** ( delvena , efexor , effegad , idixor , venlatrin , venlaxine , vexamod ) .. tab . & cap. ... Depression, initially 75mg daily in 2 divided doses increased if necessary after several weeks to 150mg daily in 2 divided doses; child and adolescent under 18 years not recommended . .... Generalised anxiety disorder , 75 mg daily as a single dose , discontinue if no response after 8 weeks; adolescent & child under 18 years not recommend .

**213 - Fluvoxamine maleate** ( faverin , fluxamine ) tab .. indicated in Depressive illness , Obsessive-compulsive disorder ..... For Depression, initially 50-100 mg daily in the evening, increased if necessary to 300mg daily (over 150mg in divided doses); usual child and adolescent under 18 years not recommended .

**214 - Paroxetine** ( depax , paxetin , seroxat , xandol ) .. tab & cap .... indicated in Depressive illness , Obsessive-compulsive disorder , Panic disorder , Social phobia , Post-traumatic stress disorder , Generalised anxiety disorder.

Dose : Usually 20 mg each morning, if necessary increased gradually in steps of 10 mg; max. 50 mg daily; child & adolescent under 18 years not recommended .

**215 - Sertraline** ( depr-state , lustral , moodapex , opiriline , serlift , serpass , sertral , sertraline , seserine , sirto ) .. tab . & cap. .. initially 50 mg increased if necessary by increments of 50mg over several weeks to max. 200 mg daily , usual maintenance dose 50 mg 50mg daily , Child and adolescent under 18 years not recommended ..

**216 - Mirtazapine** ( Remeron ) tab ... work by blocking presynaptic alpha-2 adrenergic receptors that normally inhibit the release of the neurotransmitters , norepinephrine and serotonin, thereby increasing active levels in the synapse . Mirtazapine also blocks post-synaptic 5-HT<sub>2</sub> and 5-HT<sub>3</sub> receptors ... initially 15mg daily at bedtime increased according to response up to 45mg daily as a single dose at bedtime or in 2 divided doses; child not recommended .

**217 - Reboxetine** ( edronax , senorein ) .. tab. ... Unlike most antidepressants on the market, reboxetine is a noradrenaline reuptake inhibitor (NARI , it does not inhibit the reuptake of serotonin, though it can be safely combined with an SSRI. ... Reboxetine is an antidepressant drug used in the treatment of clinical depression, panic disorders and ADD/ADHD ...

Dose : 4mg twice daily increased if necessary after 3-4 weeks to 10mg daily in divided doses , max. 12mg daily; child and elderly not recommended .

218 - Citalopram ( cerobram , cipram , cipramax , citalo , depaway , deprim , lecital , puracit , ramdeep , sedopram , talopram ) tab. , oral solution ... .. indicated in Depressive illness, panic disorder .. Depressive illness, 20mg daily as a single dose in the morning or evening increased if necessary to max. 60 mg daily (elderly max. 40mg daily); child and adolescent under 18 y. not recommended .

219 - Escitalopram ( cipralax , ciprapro , citalomex , escita , estikan , hermpo , nodep ) .. tab . & oral solution ..

220 - Fluoxetine ( alzac , depreban , durazac , fiesto , florosin , fluozac , flutin , octozac , philozac , prozac ) .. tab. & cap ..... 20mg once daily increased after 3 weeks if necessary , usual dose 20-60 mg (elderly 20- 40 mg) once daily; max. 80 mg (elderly max. 60mg) once daily , Child and adolescent under 18 years not recommended.

### Antidepressive natural products

مضادات للاكتئاب ذات المصادر الطبيعيه

221 - Hypericum extract ( safamood m momentum ) .. tab . & cap.

222 - St.John Ext.+ hypericin ( anti-dep , psychoton ) . tab & dragee

### Antiparkinsonian drugs

ادويه مضاده للشلل الرعاش

The disease is a progressive movement disorder of the extrapyramidal system, which controls and adjusts communication between neurons in the brain and muscles in the human body .

في هذا المرض ، هناك خلل في فيض الناقلات الكيماويه بين الخلايا العصبية داخل المخ و العضلات فيحدث زياده في انبعاث بعضها و قلة في بعضها الآخر مما يسبب خلل في حركه اعضاء الجسم

### dopamine receptor agonists

ادويه ذات مفعول مشابه لتأثير الدوبامين او يشارك في زياده تركيزه امام مستقبلاته العصبية داخل المخ

223 - Levodopa + carbidopa ( lecardopa , levocar , parkidopa , sinemet stalevo ) .. tab. initial 125 mg 100-25 mg Max. 800 levodopa in divided doses ..

224 - Levodopa + benserazide hcl : Co-Beneldopa .. initiallt 50 mg 3 times daily (100 mg 3 times daily in advanced disease), increased by 100 mg once or twice/ week according to response; usual maintenance dose , 400-800mg daily in divided dose after meals

225 - Cabregoline ( dostinox , cabergoline ) .. tab. ... indicated as Adjuncts to levodopa (with dopa decarboxylase inhibitor ) , Endocrine disorders .. nitially 1mg daily, increased by increments of 0.5-1mg at 7 or 14 days intervals; usual range 2-6 mg daily .

226 - Bromocriptine ( dopagon , lactodel , parlodel ) tab , injection ..... increase the daily dosage slowly until a maximum therapeutic response is achieved. The initial dose is 1/2 of a 2.5 mg tab of a 2½ mg tablet twice daily with meals

227 - Lisuride maleate ( dopergin ) tab. . used alone or as adjunct to levodopa ... initially 200 mcg at bedtime with food increased as necessary at weekly intervals to 200mcg 3 times daily; further increases made by adding 200 mcg each week first to the bedtime dose , then to the midday dose and finally to the morning dose; max. 5mg daily in 3 divided doses after food .

228 - Pergolide ( permax ) tab .. Monotherapy, 50mcg at night on day 1, then 50mcg twice daily on day 2-4, then increased by 00 - 250 mcg daily every 3-4 days (given in 3 divided doses ) up to a daily dose of 1.5 mg at day 28; after day 30, further increase of up to 250mcg twice a week , usual maintenance dose approx. 2-2.5mg daily ..

229 - Selegiline chloride ( jumex , tonus ) .. tab. ... 10 mg in the morning

230 - Entacapone ( comtan , parkicapone , stalevo ) tab ..... .. Prevents the peripheral breakdown of levodopa , allowing more levodopa to reach the brain .

231 - Amantadine ( adamine , amantadine , amantine , infex , pk-merz , virafly ) tab. & caps ..

232 – Apomorphine .. inj .. Is a potent dopamine agonist that is sometimes helpful in advanced disease for patients experiencing unpredictable (off) periods with levodopa treatment .

### Antimuscarinic drugs used in parkinsonism ( ادوية تقلل من تأثيرو انبعاث الاسيتيل كولين ( الناقل الكيماوى )

Antimuscarinic drugs exert their antiparkinsonian action by reducing the effects of the central cholinergic excess that occurs as a result of dopamine deficiency. Antimuscarinic drugs are useful in drug-induced parkinsonism, but they are generally not used in idiopathic parkinson's disease because they are less effective than dopaminergic drugs and they are associated with cognitive impairment .

فى العاده يزيد فيض الاسيتيل كولين فى الحالات المرضيه المصاحبه لنقص الدوبامين داخل المخ و لذلك تستعمل تلك المجموعه فى حالات الشلل الرعاش الناتج عن تأثير بعض الادويه و لكن يقل تأثيرها فى حاله الشلل الرعاش الذاتى ...

233 - Trihexyphenidyl : benzhexol ( parkinol , trixy ) .. tab.. The initial dose should be low & then increased gradually, especially in patients over 60 y. of age taken As initial therapy for parkinsonism, 1 mg at the first day , The dose may then be increased by 2 mg increments at intervals of three to five days, until a total of 6 to 10 mg is given daily ..

- Procyclidine HCL .. Oral, 2.5 mg 3 times daily, increased gradually, max. 30 mg daily ..... Acute dystonia, By im or iv inj. 5-10mg (occasionally more than 10mg), usually effective in 5-10 minutes but may need 30 minut .

234 - Benzotropine ( cogetropine , cogintol ) .. tab .. indicated in Drug- induced extra-pyramidal symptoms but not (tardive dyskinesia) .... Orally , 0.5-1mg at night, gradually

increased , max. 6mg daily, usual maintenance dose 1-4mg daily in a single or divided dose .... By im or iv inj, 1-2mg repeated if symptoms appear .

## Other drugs used for tics , chorea , essential tremors , and tardive dyskinesia

ادويه تستعمل فى حالات اخرى من الشلل الرعاش

**235 - Tetrabenazine** .. Dose: movement disorders due to Huntington's chorea, hemiballismus, senile chorea, and related neurological conditions, initially 12.5 mg twice daily (elderly 12.5 mg) gradually increased to 12.5- 12.5-25mg 3 times daily; max. 200mg daily ... Moderate to severe tardive dyskinesia, initially 12.5 daily, gradually increased according to response ..

**236 - Haloperidol** ..inj ... indicated in Motor tics, adjunctive treatment in choreas and Gilles de la Tourette syndrome; other

**237 - Ethamivan** ( alertin , remind ) tab.... CNS stimulant for patients with CNS Depression, & to relief difficulty breathing and for better mental and physical performance tab. 2-4 times daily ... ٢-١ .

**238 - Propranolol:** or another beta-adrenoceptor blockingdrug may be useful in treating essential tremor or tremors associated with anxiety or thyrotoxicosis . Propranolol is given in a dosage of 40mg 2-3 times daily, increased if necessary; 80-160mg daily is usually required for maintenance .

**239 - Primidone:** In some cases provides relief from benign essential tremor; the dose is increased slowly to reduce side-effects .

## Drugs used for ttt of obesity

ادويه لمعالجة السمنة

**240 - Sibutramine** ( dietmax , meridia , regitrim , sibotrim , slimax , smartan ) tab. And cap .. Initially 10mg d. in the morning increased if weight loss less than 2kg after 2 weeks to 15mg daily ..... discontinue if weight loss than 2 kg after 4 weeks at higher dose ; max. period of treatment 1 year ... Children and adolescent under 18 years, and elderly over 65 years not recommended .

**241 - Orlistat** ( easy slim , organo-orlistata , orly , quick slim , slim safe , xenical ) cap ... It exerts its therapeutic activity in the lumen of the stomach and upper small intestine by binding to gastric and pancreatic lipases and in turn no hydrolysis & no absorption to fats which taken with food ..... 1 tab. Before or after each fat.

**242 - Chromium + herbal ext.** (diet booster , chromax ) cap ..... Dose : 1cap. Or tab. Morning and after noon .

**243 - Chitosan** ( chitocal ) cap ..... is a linear polysaccharide composed , it the capability of attracting fat from the digestive system and expelling it from the body so that users can, it is claimed, lose weight without eating less .. 1-2 cap before meal ..

244 - Green tea sachets .. one packet in glass of hot water two times daily after food .

## Central nervous system stimulants

ادويه منشطة للجهاز العصبي المركزي

245 - Amphetamine .. Amphetamine and its derivatives (amphetamines) are part of a broader class of compounds called phenethylamines ..... Amphetamine is a synthetic stimulant used to suppress the appetite, control weight, & treat disorders including narcolepsy & ADHD . ...

246 - Methylphenidate : tab. MPH ( concerta) tab ..... is an amphetamine-like prescription stimulant commonly used to treat Attention Deficit Hyperactivity Disorder (ADHD) in children and adults .... Administer in divided doses 2 or 3 times daily, preferably 30 to 45 minutes before meals , Average dosage is 20 to 30 mg daily.

## Drugs used for ttt of alchol & nicotine dependence

ادويه تستخدم لمعالجة ادمان الكحوليات

247 - Disulfiram .. used as Adjunct in the treatment of chronic alchol dependence (under specialist supervision ) ... 800mg as a single dose on first day, reducing over 5 days to 100-200mg daily; should not be continued for longer than 6 months without review; child not recommended ..

248 - Benzodiazepines .. ong-acting benzodiazepines are used to attenuate withdrawal symptoms but they also have a dependence potential. To minimise the risk of dependence, administration should be for a limited period only . chlordiazepoxide 10-50mg 4 times daily, gradually reducing over 7-14 days ...

249 - Bupropion ( abstain , bupaion , zyban ) .. tab. .. Start 1-2 weeks before target stop date, initially 150 mg daily for 6 days then 150 mg twice daily (max. single dose 150mg) , max. daily dose 300 mg . ... max. period of treatment 7-9 weeks ..

250 - nicotine ( nicotinell ) patch .. Patches, 7mg, 14mg self-adhesive ..

## Drugs used for opioid dependence

ادويه لمعالجة ادمان المخدرات

251 - Lofexidine ( detoxydine ) tab. ... for Management of symptoms of opioid withdrawal ..... Initially, 200mcg twice daily, increased as necessary in steps of 200-400mcg daily to max. 2.4 mg daily; recommended duration of treatment 7-10 days of no opioid use (but longer may be required) , withdraw gradually over 2-4 days or longer; child not recommend .



252 - Naltrexone ( anarcol , deltrexone , nerquon , revia ) tab. 25mg initially then 50mg daily; the total weekly dose may be divided and given on 3 days of the week for improved compliance (e.g. 100mg on Monday and Wednesday, and 150mg on Friday); child not recommended .

253 - Methadone hydrochloride ... Initially 10-20mg daily, increased by 10-20mg daily until no signs of withdrawal or intoxication usual dose 40-60mg daily; child not recommended ..

## Drugs for dementia

### ادويه لمعالجة الخلل العقلي و الخرف و ضعف الذاكرة

Acetylcholinesterase inhibiting drugs are used in the treatment of Alzheimer's disease, specificallor mild to moderate disease ..

تعتمد تلك الادويه فى عملها على تقليل نسبة الانزيم الذى يكسر الاسيتيل كولين و بالتالى تزيد من الاسيتيل كولين داخل المخ

254 - Rivastigmine ( Exelon , rivaxel , Sempra , semprex ) syp. , patches , and cap.. indicated in Mild to moderate dementia in Alzheimer's disease ..

- initially 1.5mg twice daily, increased in steps of 1.5 mg twice d. at intervals of at least 2 weeks according to response and tolerance, usual range 3-6 mg twice daily; max. 6 mg twice daily ..

255 - Memantine hydrochloride ( alzemenda , condomania , dementexa , mantine , memexa ) .. tab ... initially, 5mg in the morning, increased in steps of 5mg at intervals of 1 week up to max. , 10mg twice daily .

256 - Donpezil ( advodmont , alkapezil , alzimer , aricept ) tab. ... Is a reversible inhibitor of acetylcholinesterase that can be given once daily .. Dose: 5mg once daily at bedtime, increased if necessary after one month to 10mg daily; max. , 10mg daily .

## Non steroidal anti-inflammatory drugs

### Non-specific inhibitors of cyclo-oxygenase

الادويه التى تعالج الامراض الروماتيزميه و مضاده للالتهابات ( ادويه غير متخصصه و تؤثر على انزيم سيكلواوكسيجيناز رقم ١

257 - naproxen ( myoprox , naprofen , naprogesic , naprosyn , naprox , prodexin ) tab. , supp. , gel , inj. , susp. ... The usual daily dose is 0.5- 1 g in two divided doses ..

258 - Piroxicam ( brexin , displacem , feldene , feldoral , feldoxam , inflacam , pirocam , piroxiden , piroxifar , vendocid ) .. tab. , sachets , amp. , supp. , gel , disp. Tab . , cap. .. The majority of patients maintained on 20mg daily .. Therapy should be initiated with 40mg daily for the first 2 days given in single or divided doses For the remainder of the 7 to 14 days treatment period, the dose should be reduced to 20 mg d .

259 - Diclofenac sod . ( anauva , arthrofast , baby relief , declophen , diclac , dicloferaz , diclogesic , diclonerve , divido , dolphin , epifenac , olfen , pharofen , rheumafen , romafen , romalex , sigmafenac , supprofen , temprex , voltaren ) .. tab , cap , supp , amp , gel , disp. Tab. Disp. granules ,

260 - diclofenac potassium ( actifast , adwiflam , catafast , cataflam , catafly , catafen , diclorapid , diclotazen , diclowad , dolphin-k , flash act , noflam , oflam , rapidus , rapiflam )

Dose : 50 mg as needed or max. 3 times daily. Amp. Once daily

261 - diclofenac sod. + vit.b-complex ( arthineur , diclonerve , neurofenac , painreliefer )

262 - diclofenac sod. + methocarbamol ( dimra , methoquick ,

263 - diclofenac sod. + epolamine ( flector ) sachets , cap , gel ... used twice daily ..

264 - diclofenac sod. + diflunisal ( rheumafen forte )

265 - Ibuprofen ( alphafen , brufemol , brufen , gast-bruf , flabu , flamotal , ibufen , ibuhexal , ibutop , marcofen , maxiprofen , mepabrufen , nova-brufen , nuprin , profinal , profusol , rapifen , sinufen , ultrafen ) .. susp. , supp , tab , cap , sachet , cream , oral drops , gel ...

Dose : Adults : 1200 - 1600 mg in 3 or 4 divided doses - not exceed 2400 mg. Analgesic, Antipyretic , Antidysmenorrheal : 200 – 400 mg every 4-6 hours ..... Children and Infants: 20-40 mg/ kg body weight is recommended ( 5-12 years ): 10 ml suspension 3-4 times a day. 1-5 years: 5ml 3-4 times a day ..

266 - Ibuprofen + paracetamol ( acetaprofen , brufemol , ibuflam , megafen , parofen ,

267 - Ibuprofen + pseudoephedrine ( brufen-flu , cetafen , dolo-D , farex , marcofen flu , power cap , profenazone ).. tab. And syp .. used twice daily ..

268 - Ibuprofen + methocarbamol ( ibuflex , muslgix ) tab. And cap .. used twice daily

269 - ibuprofen + chlorzoxazone ( mark fast , myofen ) cap .. 2-3 times daily

270 - dexibuprofen ( dexta-ibufen )

271 - Indomethacin ( bonidon , elmetacin , farcomethacin , indacin , indocid , indofast , indomin , indotopic , liometacin , rheumacid ) gel , cap , topical solution , supp , ... By mouth, rheumatic disease , 50-200mg daily in divided doses, with food ; child not recommended. ,

272 - Tiaprofenic acid ( surgam ) .. tab .. 600 mg daily in 2-3 divided doses; child not recommended.

273 - Sulindac ( hi-dac , rudac ) .. tab .. 150 mg twice daily with food , the maximum recommended dosage is 400 mg daily.-for acute gouty arthritis is 200 mg . Twice daily with food for 7 days .

274 - Tolfenamic acid ( fastgraine ) ..tab .. is licensed for the treatment of migraine

275 - Ketorolac ( Adolor , fam , ketolac , ketoral , ketorolin , sumalgin ) amp , tab .... and the selective inhibitor of cyclo-oxygenase-2, parecoxib are licensed for the short-term management of postoperative pain .

## Non steroidal anti-inflammatory drugs

### Specific inhibitors of cyclo-oxygenase-2

الادوية التي تعالج الامراض الروماتيزمية و مضاده للالتهابات ( ادويه غير متخصصه و تؤثر على انزيم سيكلووكسيجيناز رقم ١

Celecoxib, etodolac, meloxicam and refecoxib are licensed for symptomatic relief of in osteoarthritis and rheumatoid arthritis. Refecoxib is also licensed for the relief of acute pain ..... the risk of serious upper gastro-intestinal events is lower compared to non-selective NSAIDs.

تتميز تلك المجموعه عن اختصاصها في التأثير على انزيم سيكلووكسيجيناز ٢ و لذل تستخدم في علاج امراض الروماتويد و التهاب المفاصل بشكل اكثر امانا على المعده ( القرحة) ... و لكن وجد بعض الادويه ذات تأثير سلبي على القلب ...

276 - Meloxicam ( antcox II , melocam , mexicam , mobic , mobitol , moxen ) amp , supp , amp .. 7.5- 15 mg daily ..

277 - Etodolac ( etodine , magidolac , napilac ) .. tab and cap .. indicated in acute or long-term treatment of rheumatoid arthritis and osteoarthritis .... used with caution for patients with Peptic ulcer ... 200 : 300mg. Daily after food ..

278 - Tenoxicam ( anoxicam , epicotil , soral , tenocam , tenoxil ) .. cap , supp , vial ... indicatd in Pain and inflammation in rheumatic disease and other musculoskeletal disorders ..... By mouth, rheumatic disease, 20mg daily; child not recommended ..... in acute musculoskeletal disorders, 20mg daily for 7 days; max. 14 days; child not recommended ..... By IV or IM injection, for initial treatment for 1-2 days, as dose by mouth; child not recommended ..

279 - Nimesulide ( misulan , misulid , nilsid , nimalox , sulidan , sulid ) .. gel , tab , supp , sachets , cream , susp... is indicated for symptomatic treatment of arthritis and rheumatoid arthritis. Post traumatic pain and post operative pain .... 1,000 mg taken as a single dose with or without food.

280 - Nabumetone ( nabuxan , rheumaton ) tab. 1 gm at night, in severe conditions 0.5- 1 gm in morning as well; child not recommended ..

281 - Bumadizone ( octomotol ) .....1tab. 3-4 times daily

282 - Celecoxib ( arythrex , celebrex , celecox , eurocox , rheumamax ) .. tap , cap ... 200 mg. Daily after food - as one or divided into 2 doses ..

283 - Rofecoxib ( arthidol , minatoid , prox , rhuma , rofcox , romacox , selox , viox ) .. Osteoarthritis, 1.25 mg daily , increased if necessary to max. , 25mg once daily; child not recommended ..... Rheumatoid arthritis, 25mg once daily; child not recommended ..... Acute pain, 50 mg initially then 25-50 mg once daily; child not recommended .... Dysmenorrhoea, 25-50mg once daily; child not recommended ..

## Drug which suppress rheumatic disease process

ادويه اخرى تقلل او تكبح تطور و تدهور الامراض الروماتيزمية

284 - glucosamine ( joflex ) .... One capsule three times daily .

- glucosamine + condroitin ( artec , dorofen , elasticin , sulfax )
- glucosamine + Ginko biloba ( arthrosamine , cartisamine , chondrogen , gincostazen )
- glucosamine + vit. C ( glucosamine )
- glucosamine + vit. C + chondroitin ( glucosamine comp. )

285 - Penicillamine ( artamin , artamine , retadel ) ..cap ... indicated in rheumatoid arthritis , Wilson's disease , lead poisoning, primary biliary cirrhosis, cystinosis , systemic sclerosis

Dose : Start at 125mg daily Increase dose by 125 mg monthly until 500mg daily or clinical response achieved If inadequate response, the dose may be increased to 750 mg daily or higher , stop drug if treatment continued for 6 months without positive response , take before food and do not take oral iron concomitantly ..

286 - Hydroxychloroquine ( hydroquine , plaquenel ) .. tab. Administered on expert advice , initially 400 mg daily in divided doses; maintenance 200-400mg daily; max. 6.5 mg/kg daily (but not exceeding 400mg daily ) child, up to 6.5mg/kg daily (max. 400 mg daily) .

287 - Cyclosporin ( abrammune , sandimmun ) .. cap and solution .. The initial dose of cyclosporine is 2.5 mg/kg/day, taken twice daily as a divided (BID) oral dose.

288 - Azathioprine ( azarin , immules , imuran ) ... tab. Start at 50mg daily , Increase in stages upto 3mg/kg daily ..

## Drugs affecting the immune response , e.g. rheumatoid arthritis

ادويه تؤثر على العمليات المناعية داخل الجسم ( الروماتويد )

289 - Cyclosporin .. This is an immunosuppressive drug that is becoming the drug of choice for transplantation. It may be of use in the management of severe autoimmune diseases ...

290 - Leflunomide ( apetoid , arthfree , avara , leflumine , rafix , vamid ) .. tab .. is a disease-modifying drug (DMARD) , which reduces inflammation & slows disease progression of rheumatoid arthritis. It is not chemically related to other DMARDS. It inhibits dihydroorotate dehydrogenase enzyme .... 1-2 tabs. Twice daily: 5 mg/kg (divided into 3 doses) :1-2 supp. Twice daily.: 2-3 external applications daily..

291 - methotrexate ( emthexate , methocip , mtx , unitrexate ) .. start at 5mg or 10 mg oral or IM WEEKLY , folic acid 5 mg oral weekly, 3 days after methotrexate reduces adverse reactions if inadequate response dose may be increased up to 20mg weekly, total duration of treatment as long as clinically indicated ..

292 - Etanercept .. bind both TNF -alpha and lymphotoxin (TNF-beta) , It is administered by twice weekly sub-cutaneous injection and is licensed for the treatment of rheumatoid arthritis and polyarticular juvenile idiopathic arthritis where treatment with other DMARDs including Methotrexate have failed.....In adults with rheumatoid arthritis etanercept is administered twice weekly by (SC) injection at a dose of 25 mg ..

293 - Infliximab ... Infliximab is a chimeric humanised mouse anti-TNF monoclonal antibody, that binds to and inhibits human TNF-alpha It is licensed for concomitant use with methotrexate in adults with RA responding inadequately to DMARDs including methotrexate ..... Infliximab is given by IV infusion over 2 hours at a dose of 3mg/kg . It is given at 0, 2 & 6 weeks then every 8 weeks thereafter.

يرتبط هذا الدواء بمستقبلات داخل الخلايا الليمفاوية مما يمنع اليمفوسايت بتأديه عملها المناعي و هذا يوقف تآكل الغضاريف ....

294 - Sulfasalazine ..... Sulfasalazine is effective in up to 70% of patients after therapy for one year. A clinical response should not be expected before three months and may not occur until after 6 months therapy ... Starting dose 500mg orally daily , Dose increments 500mg weekly until dose of 1 g twice a day , if inadequate response, dose can be increased to 3 g daily in divided doses , Total duration of ttt as long as indicated by clinical condition

### Drugs for treatment hyperuricaemia and Gout

الادويه التي تعالج النقرس و زياده نسبه البولينا في الدم

Gout is a disorder of purine metabolism characterized by acute, recurrent attacks of synovitis due to urate crystal deposition. Later, there is cartilage degeneration ...

Acute attacks of gout are usually treated with high doses of NSAIDs such as diclofenac, etoricoxib, indomethacin, ketoprofen, naproxen, piroxicam, or sulindac . The use of azapropazone should be restricted to patients in whom less toxic drugs have been ineffective . Colchicine is an alternative ...

Aspirin is not indicated in gout. Allopurinol and uricosurics are not effective in treating an acute attack and may prolong it indefinitely if started during the acute episode.

295 - Colchicine ( Colmediten ) .. tab .. Colchicine produce a dramatic response in acute gout by reducing the inflammatory reactions of urate crystals , it has no effect on blood concentration of uric acid .... 1 tab. 3 times daily- in case of acute attack high dose is recommended ..

296 - Allopurinol ( cristasol , high pure , lesssuric , no-uric , purinol , uric pure , zyloric ) .. tab .. Allopurinol is used for long term treatment of gout and hyperurimia .. 200-800 mg. Daily according to the Plasma uric concentration , divided into 2 doses ..

- Allopurinol + benzbromarone ( alloben , desatura , harpagin ) tab.. 1 tab. Twice daily ..

297 - Probenecid ... tab .. a uricosuric drug which increases the urinary excretion of uric acid .... 250 mg twice daily after food , The dose is increased after a week to 500 mg twice daily , The maximum dose is 2 g daily in divided doses, titrated according to the plasma uric acid concentration.

298 - Piperazine + hexamine + khellin ( coli-urinal , jedcorene , renal s , uricol ) ..  
eff. Granules ..

299 - Piperazine + hexamine + proximadiol ( proximal ) eff. granules

300 - Piperazine + atropine so4 + colchicine ( solvaure , solvinal , uraid ,  
urosolvine )

301 - Piperazine + papaverine ( spasmopiperazine )

302 - Piperazine + colchicine + khellin ( uricol plus )

303 - Sulfipyrazone .. The initial dose is 100-200 mg daily with food. Over 2-3 weeks  
the daily dose is increased to 600 mg. As uric acid levels normalise the maintenance dose  
may be reduced to as low as 200 mg .

### Anticholinesterase drugs

الادويه التي تضاد عمل الانزيم الذي يساعد على تكسير الاسيستيل كولين و يقلل كميته

304 - Neostigmine ( amostigmine , epistigmine , neostigmine , prostigmine ) tab and  
injection .. .

Used in Urinary Bladder atony , some cases of Chronic constipation due to GIT atony ...  
Treatment of postoperative abdominal distention and urinary retention , treatment of  
paralytic ileus and atonic constipation , diagnosis and symptomatic control of  
myasthenia gravis ..... Orally 75-300 mg. daily - subcutaneous & i.m. 5:20mg.  
Daily.

305 - distigmine ( ubretid ) tab & amp .. is useful in the treatment of myasthenia  
gravis ..

306 - pyridostigmine ( delostigar , mestinon , pystinon , stigmid ) tab & syp ..  
Mestinon (pyridostigmine) is useful in the treatment of myasthenia gravis .. The  
average dose is ten 60 mg tablets or ten 5 mL easpoonfuls daily ..

### Skeletal muscle relaxants

ادويه باسطه للعضلات ( مضاده للتقلصات )

307 - Baclofen ( lioresal , mylobac , baclofen ) tab .. used in Spastic conditions occurring  
in spinal cord diseases of infectious, degenerative, rheumatic , neoplastic or unknown  
origin as in spastic spinal paralysis (Trigeminal neuralgia ) .... tt started with 2.5 mg 4  
times daily, then raised cautiously – every 3 days – to the top effect is achieved . Maximum  
50mg. Daily. Paediatric: 0.75-2mg/kg .

308 - Dantrolene ( detenolmen , dantrelax , dantrone ) .. cap .. direct acting skeletal muscle relaxant .. 25mg. daily can be increased weekly to max. dose 100mg. 3 times daily ...

309 - Tizanidine ( caredalud , myoldin , rekan , roysan , S.M.R , sirdalud , tizyl ) tab .. is direct acting sk. Muscle relaxant ... an alpha 2-adrenoceptor agonist which is indicated for spasticity associated with multiple sclerosis or spinal cord injury .... 2-4 mg. 2 times daily.

### Local & general anesthetics

#### المخدر الموضعي و الكلي

310 – Lidocaine ( emla , lignocaine , farco-caine , lido , lidocaine , lignoral , xylocaine , lidoged , ultracaine ) cream , spray , gel

311 – Lidocaine + Prilocain ( ezanal , pridocaine ) cream

312 – Mepivacaine + Levonordefrine ( mepacaine-L , ) carpool

313 – Mepivacaine ( mepacaine , mepicaton ) carpool

314 – Mepivacaine + Adrenaline ( scandonest ) carpool

315 – Cinchocaine ( neocaine ) cream

316 – Bupivacaine ( marcaine , bucaïn , Bupivacaine ) vial

317 - Ropivacaine ( naropin ) amp

318 – Ketamine ( calypsol , keipan , keiran , ketam , ketamar , ketamine ) vial

319 – Thiopental ( anapental , thiopental , thiopentone ) vial

320 – Halothane ( fluothane , halothane , narcotan , new-flotan ) inhaler

321 – Polidocanol (Aethoxysklerol) amp

322 – Isoflurane ( aerrane , foran , isofluorane , isotan ) inhalation liquid ..

### Drugs for treatment of hypertension , angina , heart Failur , arrhythmias & myocardial infarction

ادويه لعلاج ارتفاع ضغط الدم ، الذبحه الصدريه ، فشل عضله القلب ، عدم انتظام ضربات القلب ، موت عضله القلب ...

For angina , treatment include : Nitrates, calcium-channel blockers and potassium-channel activators , B-Blockers , ACE inhibitors , all have a vasodilating effect .... Nitrates have a useful role in angina . Although they are potent coronary vasodilators, their principal benefit follows from a reduction in venous return which reduces left ventricular work.

تعتمد مجموعه النيتترات فى عملها على توسيع الاوعية التاجيه و تقليل الدم العائد الى بطين القلب من الاورده و بالتالى تقليل الحمل و مشقه دفع كميات زائده من الدم الى كامل الجسم عن طريق عضله القلب ....

## A - Nitrates

### مجموعه النيتترات المخصصه لعلاج الزبحه الصدرية

323- Isosorbide mononitrate ( cardioguard , corangin , effox , imdur , ismn , monocard , monomak ) tab. And cap .. Initially 20mg 2-3 times daily or 40mg twice daily (10mg twice daily in those who have not previously received nitrates); up to 120mg daily in divided doses if required .

324 - Isosorbide dinitrate ( cardiket , coronit , dinitra , isoguard , isomack , isordil ) tab. , cap & njection ... indicated for Prophylaxis of angina and used as Adjunct in congestive heart failure ..... By mouth , Angina 30-120mg , by iv infusion, 2-10mg/hour, higher doses up to 20mg/hour may be required . By injection , 0.5% (500mcg/ml) to be diluted before use (0.1% (1mg/ml) to be diluted before use ) .

325– Nitroglycerin ( deponit , nitrocare , nitrocin , nitroderm , nitrolingual , nitromak ret. , nitronal , nitrotard , tridil ) .. patches , injection , oral spray , and cap ) .. transdermal dose , The suggested starting dose is between 0.2 mg/hrs and 0.4 mg/hrs. Doses between 0.4 mg/hrs and 0.8 mg/hrs ..... sublingual tab , One tablet should be dissolved under the tongue or in the buccal pouch at the first sign of an acute anginal attack. The dose may be repeated approximately every 5 minutes until relief is obtained. If the pain persists after a total of 3 tablets in a pain 15-minute period , prompt medical attention is recommended ..... IV continuous infusion (via non PVC tubing): 5 mcg/min initially, increased by 5 mcg/min every 3 o 5 minutes as needed up to 20 mcg/min, then gradually by 10 and then 20 mcg/min if needed , up to a usual maximum of 200 and generally no more than 400 mcg/min..... by mouth , 2.5 mg twice daily ..

**\*\* Nicorandil** ( dilkorell , nicorandil , randil , adancor ) tab ... . a potassium-channel activator with a nitrate component, has both arterial and venous vasodilating properties and is licensed for the prevention and longterm treatment of angina .....

## B - Calcium channel blockers

They interfere with inward displacement of calcium ions through the slow channels of active cell membrane . They influence the myocardial cell membranes, the cells within the specialised conducting system of the heart, and the cells of vascular smooth muscle, thus (myocardial contractility) may be reduced, the formation and propagation of electrical impulses within the heart may be depressed, the (coronary or systemic vascular tone) may be diminished .



تعتمد تلك الادويه على قفل القناه التى تسمح بتبادل الكالسيوم عبر غشاء خلايا عضله القلب الى داخل الخلايا و لهذا تؤثر على انقباض عضله القلب و تكوين و انتشار الاشارات العصبية داخل عضله القلب و كذلك انقباض الاوعيه التاجيه ( تقليل الانقباض )

**326 - Amlodipine** ( alkapress , amilo , amlodipine , amlowest , cardiovasc , myodura , nortens , norvasc , regcor , vasonorm , vasopine , visceral ) .. tab. & cap .. indicated in Hypertension , Prophylaxis of angina .. .. Hypertension or angina, initially 5mg once daily; max. 10mg once daily ..

**327 - Amlodipine + Benazepril** ( amlobenzamir , loadless , norvapril )

**328 - Amlodipine + atorvastatine** ( amlosterolen , caduet ) tab. ,

**329 - Amlodipine + valsartan** ( blokatens , exforge ) tab.

**330 - Amlodipine + perindopril** ( coveram ) tab..

**331 - Diltiazem CL** ( altiazem , angitect , delay-tiazem , diltiazem , deltacor xl , diltiazem , diltzem , mono-tildium , reltiam ) ... tab. & cap ... indicated in Prophylaxis and treatment of angina & Hypertension . ... Angina, 60mg 3 times daily (elderly initially twice daily); increased if necessary to 360mg daily .... Angina and mild to moderate hypertension, initially 240mg once daily, increased if necessary to 300mg once daily; in elderly & in hepatic or renal impairment initially 120mg daily ...

**332 - Nifedipine** ( adalat , dilcor , epilaf , nifam , nifepin ) tab. & cap ... is indicated in Hypertension , Prophylaxis of angina , Raynaud's syndrome . ... Angina prophylaxis (but not recommended) and raynaud's syndrome, initially 5mg 3 times d. adjusted according to response to 20mg 3 times daily ..... Hypertension, 20-30 mg once daily, increased if necessary max. 90mg once daily .... Angina prophylaxis, 30mg once daily, increased if necessary max. 90mg once daily ..

**333 - Nifedipine + Atenolol** ( beta-lat , tenolate sr ) cap ...

**334 - Verapamil** ( cardiomil , glopamil , isopamil , isoptin , izoptomil , verapamil , veratens ) ..tab. , cap , & amp ... used for treatment of angina, hypertension, and arrhythmias .... By mouth , Supraventricular tachycardia 40-120mg 3 times daily , Angina, 80-120mg 3 times daily , Hypertension, 240 - 480 mg in 2-3 divided doses . ... By slow IV injection over 2 min. (3 minutes in elderly), 5-10mg ) , a further 5mg after 5-10 minutes if required ...

**335 - Verapamil + trandolapril** ( tarka ) tab

**336 - Nimodipine** ( brainal , nimotop ) tab. And injection .... Indicated in prevention and treatment of ischaemic neurological deficiency following aneurysmal subarachnoid haemorrhage ..... Prevention, by mouth, 60mg every 4 hours, starting within days of aneurysmal subarachnoid haemorrhage & continued for 21 days ..... by intravenous infusion via central catheter, initially 1mg/hour (up to 500mcg/hour if body-weight less than 70kg or if blood pressure unstable , increased after 2 hrs to 2mg/hours , if no severe fall in BP; continue for at least 5 days (max.14 d. ).

337 - Nicardipine HCL ( micard , pelcard ) cap .. for Prophylaxis of angina; mild to moderate hypertension ..... Initially 20mg 3 times, increased after at least three days, to 30 mg 3 times daly (usual range 60-120mg daily) .

338 - Felodipine ( felocor , felodipin , logimax , plendil , plentopine , triacor ) tab. Used for Hypertension, prophylaxis of angina .... Hypertension, initially 5mg (elderly 2.5mg) daily in the morning; usual maintenance 5-10mg once daily; doses above 20mg daily rarely needed ..... Angina, initially 5mg daily in the morning, increased if necessary to 10mg once daily .

339 - Isradipine ( lomir ) tap. Cap ... indicated in Hypertension .... 2.5mg twice d. (1.25mg twice daily in elderly, hepatic or renal impairment); increased if necessary after 3-4 weeks to 5mg twice daily (exceptionally up to 10mg twice daily); maintenance 2.5 or 5mg once daily may be sufficient ..

340 – Lacidipine ( lacidac , lacipil , lodipine , normotensil ) tab.... For ttt of hypertension ... Initially 2mg as a single daily dose, preferably in the morning increased, after 3-4 weeks to 20mg daily ..

## C - Beta-adrenergic blockers

They block the beta-adrenoceptors in the heart, peripheral vasculare, bronchi, pancrease and liver. Many beta-blockers are now available and in general they are all equally. There are, however, differences between each other, Esmolol and sotalol are used for management of arrhythmias only ..

الادويه التي تؤثر على مستقبلات الادرينالين بيتا و تقفلها ، تلك الموجوده بخلايا عضله القلب و الاوعيه الدمويه و القصبات الهوائيه و البنكرياس و الكبد و يوجد اختلاف بين ادويه تلك المجموعه فمنهم من هو متخصص و اخر غير متخصص ( بروبيرانولول ) .. فمثلا هناك من يكون اكثر تأثيرا على القلب مثل السوتالول الذي يستعمل في حالات عدم انتظام ضربات القلب فقط ....

341 - Propranolol hydrochloride ( inderal , indolol , maystrotense , prolol ) tab & amp .. is a non-selective beta blocker (i.e. it blocks the action of epinephrine on both  $\beta_1$ - and  $\beta_2$ -adrenoreceptors) ... It has various uses, such as treatment of high blood pressure, angina, and cardiac arrhythmias , prophylaxis of migraine attacks, controlling essential tremor, suppressing the symptoms of hyperthyroidism (tachycardia, tremor ) , anxiety and panic disorders , treatment of pheochromocytoma together with an alpha-receptor blocking agent ..

By mouth : Hypertension: initially 80 mg 2 times daily Increased at weekly intervals as r equired , maintenance dose, 160- 320mg daily.... Angina: Initially 40 mg 2-3 t.d., maintenance 120- 240 mg d. .... Arrhythmias, anxiety, tachycardia and thyrotoxicosis, 40 mg 3 t.d. .... Prophylaxis after myocardial infarction: 40 mg 4 t.d. for 2-3 d., then 80 mg twice daily 5-21 d. after infarction. ....

By IV injection : Arrhythmias, and thyrotoxic crisis, 1mg over 1 minute; if necessary , repeate at 2-minute intervale , max. 10mg (5mg in anaesthesia) .

342 - Atenolol ( amotenolol , atelol , ateno , atenolo , betenvac , blokium , hipress-d , tenormin , tenotens , tensolol ) tab. & syp ..... By mouth : Hypertension: 50 mg

daily , Angina: 100 mg daily in 1-2 doses , Arrhythmias: 50-100 mg daily ..... By ( IV ) injection : Arrhythmias: 2.5 mg at a rate of 1 mg/minutes, repeated at 5-minutes intervals to a max. of 10 mg ..... By IV infusion : Arrhythmias, 150 mcg/kg over 20 minutes, repeated every 12 hrs if required ..

343 - Atenolol + chlorthalidone ( tenedone ) tab

344 - Atenolol + nifedipine ( tenolate , tenoretic ) tab , cap

345 - Bisoprolol fumarate ( bisocard , bistol , concor , egypro , normocard , soprol ) .. tab. ... Hypertension and angina : 10 mg once daily, 5 mg may be enough daily ..... Adjunct in stable moderate to severe heart failure : initially 1.25 mg once daily in the morning for 1 week, then if needed , Increased to 2.5 mg once daily for 1 week, then 3.75 mg once daily for 1 week , then 5 mg once daily for 4 weeks, then 7.5 mg once daily for 4 weeks, then 10 mg once daily . max. 10 mg daily..

346 - Bisoprolol + Hydrochlorothiazide ( bisocard plus , bistol plus , concor plus , lodoz ) tab.

347 - Metoprolol ( betaloc , betalol , logimax , lowpress ) tab ... By mouth : Hypertension, initially 100 mg d. , maintenance 100 - 200 mg daily , in 1-2 doses .. Angina: 50-100 mg 2-3 t.d. , Arrhythmias: 50 mg 2-3 t.d., up to 300 mg d. in divided doses.if necessary , Hyperthyroidism (adjunct), 50mg 4 times daily , Migraine Prophylaxis: 100 – 200 mg daily ..... By ( IV ) injection : Arrhythmias, up to 5mg at rate of 1-2mg/minute, repeated after 5 minutes if necessary, total dose 10-15mg ..

348 - Carvedilol ( cardilol , carlol-v , carvena , carvid , carvidol , carvilol , carvipress , co-dilatrol , dilatrend , dilatrol , epicarve , karvex ) .. tab. indicated in Hypertension , Angina , Adjuncts to diuretics, digoxin , ACE-inhibitors in chronic heart Failure ..

Hypertension, initially 12.5 mg once daily, increased after 2 d. to usual dose of 25mg once d. the dose may be increased (if necessary) at interval of at least 2 weeks to max. 50mg daily in single divided doses ..... Angina, initially 12.5 mg daily increased after 2 days to 25 mg daily . .... Adjuncts in heart failure, initially 3.125mg twice daily (with food the dose is increased at intervals of at least two weeks (to 6.25 mg twice daily, then to 12.5mg twice daily with severe heart failure .

349 - Acebutolol ( sectral ) .. tab. Acebutolol is a cardioselective beta blocker with ISA (Intrinsic Sympathomimetic Activity, it is therefore more suitable than non cardioselective beta blockers, if a patient with asthma bronchiale or chronic obstructive lung disease (COLD) needs treatment with a beta blocker

350 - Sotalol ( betacor , betalol , cortec , sotacor ) ..tab ... Sotalol is a drug used in individuals with rhythm disturbances (cardiac arrhythmias) of the heart because of its primary action on the  $\beta$ -adrenergic receptors in the heart. ...

## D - Angiotensin converting enzyme inhibitors ACEIs

الأدوية التي تمنع تحويل الانزيم انجيوتنسين ١ الى انجيوتنسين ٢ القابض للأوعية الدموية

Heart failure : The treatment of chronic heart failure aims to relieve symptoms, improve exercise tolerance, reduce the incidence of acute exacerbations and reduce mortality , ACEIs given at an adequate dose generally achieves this aims ; a diuretic is also necessary in most patients to reduce symptoms of fluid overload. Digoxin improves symptoms and exercise tolerance and reduces hospitalisation due to exacerbations but it does not reduce mortality...

ACEIs are used also in Hypertension , Prophylaxis of cardiovascular events or stroke , Prophylaxis after myocardial infarction , Diabetic nephropathy ..

تستخدم تلك المجموعة في علاج فشل عضلة القلب عن أداء عملها و زياده كفاءتها عن طريق تخفيف الحمل عليها من خلال تخفيض الضغط و مقاومه الشرايين اثناء اندفاع الدم من القلب و كذلك تقليل اجهاد عضلة القلب عن طريق تقليل حجم الدم المحتجز في البطين خلف عضلة القلب ....

351 - Captopril ( angiopress , capoten , capotril , farcopril , hypopress lotensine , ) tab .. indicated in Mild to moderate essential hypertension alone or with thiazide , Sever hypertension resistant to other treatment , Diabetic nephropathy ..... Hypertension, used alone, initially 12.5 mg twice daily; if used in addition to diuretic or in elderly initially 6.25 mg twice daily (first dose at bedtime); usual maintenance dose 25mg twice daily; max. 50 mg twice daily .. Heart failure (adjunct), usual maintenance dose 25mg 2-3 times daily usual max. 150mg daily. ...

352 - Captopril + hydrochlorothiazide ( angiopress comp , capojed-h , capozide , captopressin , captopril-h , farcopril – h , hypopress –d ) tab.

353 - Captopril + Indapamid ( normatin ) tab.

354 - Cilazapril ( zapritens ) tab ....Hypertension, initially 1mg once daily (reduced to 500 mcg daily in those receiving a diuretic , & in renal impairment), then adjusted according to response; usual maintenance dose 2.5-5 mg once daily; max. 5mg daily .... Heart failure (adjunct), initially 500mcg once daily increased to 1mg once daily; usual maintenance dose 1-1.25 mg daily , max. 5mg daily .

355 - Enalapril maleate ( acapril , enalap , ezapril , lotrial , presslight , renitic ) .. tab. Indicated in Essential and renovascular hypertension , Congestive heart failure . .... , Hypertension, used alone, initially 5mg once daily; if used in addition to diuretic, in elderly patients, or in renal impairment, initially 2.5mg daily; usual maintenance dose 10-20mg once daily ; in severe hypertension may be increased to max. 40mg once d. .... Heart failure (adjunct), asymptomatic left ventricular dysfunction; initially 2.5 mg daily under close medical supervision; usual maintenance dose 20 mg daily in 1-2 divided doses .

356 - Enalapril + Hydrochlorothiazid ( co-renitec , enalazide , ezapril-co , thiazopil ) tab.

357 - Perindopril ( adwipril , coversyl , normafasten ) tab ... indicated in Essential and renovascular hypertension; congestive heart failure ..... Hypertension, initially 2mg daily (before food); usual maintenance dose 4mg once daily; max. 8mg daily; ..... Heart failure (adjunct), initial dose 2mg in the morning under close medical supervision; usual maintenance 4mg once daily (before food) ..

358 - Perindopril + Indapamid ( bi-preterax , preterax , coveram ) tab.

359 - Quinapril ( acuitel ) .. tab ... indicated in Essential hypertension; congestive heart failure .... Hypertension, initially 10mg once daily; with a diuretic, in elderly, or in renal impairment initially 2.5mg daily; usual maintenance dose 20-40mg daily in single or 2 divided doses; up to 80mg daily has been given ..... Heart failure (adjunct), initial dose 2.5mg under close medical supervision; usual maintenance 10-20mg daily in single or divided doses; up to 40 mg daily has been given ..

360 - Fosinopril ( monopril ) tab .....indicated in Hypertension , Heart failure .. Hypertension, initially 10 mg daily, increased if necessary after 4 weeks; usual dose range 10- 40mg (doses over 40mg not shown to increase efficacy)..... Heart failure (adjunct), initially 10mg under close medical supervision; if initial dose well tolerated, may be increased to up to 40mg once daily ..

361 - Fosinopril + Hydrochlorothiazide ( monozide ) tab ..

362 - Lisinopril ( acinopril , lisitens , lisopril , maxipril , sinopril , zestril ) tab ..... indicated in Essential and renovascular hypertension , Congestive heart failure , following myocardial infarction , Diabetic nephropathy ..... Hypertension, initially 2.5mg daily; usual maintenance dose 10- 20mg daily; max. 40mg daily..... Heart failure (adjunct), initially 2.5mg daily under close medical supervision; usual maintenance dose 5-20mg daily ...

363 - Ramipril ( corpril , ramacein , ramitac , ramitensive , right ace , ramipril , tritace ) tab. & cap ...Hypertension, initially 1.25 mg once daily, increased at intervals of 1-2 weeks; usual range 2.5-5mg once daily; max. 10mg once daily. .... Heart failure (adjunct), initially 1.25mg once daily under close medical supervision, increased if necessary at intervals of 1-2 weeks; max. 10mg daily (daily doses of 2.5 mg or more may be taken in 1-2 divided doses ) ..... Prophylaxis after myocardial infarction, initially 2.5mg twice d. , increased after 2 days to 5mg twice daily; maintenance 2.5-5 mg twice daily ...

364 - Ramipril + Hydrochlorothiazide ( Ramipril hexal , tritace comp ) tab.

365 - Ramipril + felodipine ( triacor ) tab.

## E - Angiotensin II inhibitors

ادويه تثبط عمل انزيم انجيوتنسن ٢ القابض للوعيه الدمويه

366 - Losartan ( amosar , aratins , cozaar , kanzar , losar , losartan , lozapress ) tab ..... indicated in Ramipril & Diabetic Nephropathy ..... usually 50mg once daily (elderly over 75 years, moderate to severe renal impairment, intravascular volume depletion, initially 25 mg once daily); if necessary increased after several weeks to 100mg once daily ...

367 - Losartan + Hydrochlorothiazide ( amosar dorte , fortzaar , hysartan , hyzaar , loraz , losar plus , losartan comp , losazide , losapress-h , modazar , remtozard ) tab..

368 - Eprosartan ( teveten ) tab ..... indicated in hypertension ..... 600 mg once daily (elderly over 75 years), mild to moderate hepatic impairment, renal impairment initially 300mg once daily); if necessary increased after 2-3 weeks to 800 mg once daily ..

369 - Olmesartan ( angiosartan , erastapex , normesar ) .. tab .. indicated in hypertension ..... Initially 10mg once daily; if necessary increased to 20 mg once daily; max. 40mg daily (elderly max. 20mg daily ) ...

370 - Olmesartan + Hydrochlorothiazide ( erastapex plus , medosartan ) tab..

371 - Telmisartan ( biocardis , chartoreg , micardis ) tab .. indicated in hypertension .... Usually 40mg once d., increased if necessary to max. 80 mg once daily ..

372 - Telmisartan + Hydrochlorothiazide ( elmisartan plus , micardis plus )

373 - Valsartan ( adwivalsar , disartan , idisartan , lasaromep , sordevan , tareg , valsar , valsacard ) tab ..... indicated in hypertension ..... Usually 80mg once d. (elderly over 75 years, mild to moderate hepatic impairment, moderate to severe renal impairment, intravascular volume depletion, initially 40 mg once daily); if necessary increased after at least 4 weeks to 160mg daily (80 mg daily in hepatic impairment ) ..

374 - Valsartan + Hydrochlorothiazide ( valsatens , adwivalsar , co-diovan , co-tareg , co-valsartan , disartan-co , hydrosartan , valsacard comb )

375 - Valsartan + Amlodipine ( Alkapress plus , blokatens , exforge )

376 - Candesartan cilexetil ( albastix , atacand , blopress , candalkan , candesar ) tab ..... indicated in hypertension ..... Initially 8 mg (hepatic impairment 2 mg, renal impairment or intravascular volume depletion 4 mg) once d. adjusted according to response; usual maintenance dose 8mg once d.; max. 16mg once daily

377 - Candesartan + Hydrochlorothiazide ( albusix d , atacand plus , blopress plus , candalkan plus ) tab..

## F - Alpha 1 -adrenoceptor blocking drugs

They has post-synaptic alpha-blocking and vasodilator properties and rarely cause tachycardia , it may however, cause rapide reduction in blood pressure after the first dose and should introduc with caution ...

تلك الادويه تقفل مستقبلات الادرينالين فى النهايات العصبية فى الشرايين و الاوعية الدموية و بالتالى تساعد على توسيع الشرايين و لكن يجب التنبه فى الجرعات الاولى حتى لا يحدث هبوط شديد فى الضغط المفاجئ.. و تستعمل تلك المجموعه فى علاج البروستاتا ...

378 - Doxazosin ( cardura , dosin , doxacor , doxastine , doxazin , doxazosin , duracin , ) .. tab ..... indicated in Hypertension & Prostatic hypertrophy .. ... 1mg daily increased after 1 week to 2mg once daily, and thereafter to 4 mg once daily, in necessary; Max. 16mg daily..

379 - Doxazosin + pygeum africanum ext. ( prostacure ) ..cap.

380 - Terazosin ( e-ze-p , itrin , prostasin , teracin , terazin ) tab. & cap. .... Hypertension, 1mg at bedtime dose doubled after 7 days if necessary; usual maintenance dose 2-10 mg once daily; more than 20mg daily ....

381 - Prazosin ( minipress ) tab ..... Indicated in Hypertension, CHF, raynaud"s syndrome, benign prostatic hyperplasia .... Hypertension, 500mcg 2-3 times daily, the initial dose on retiring to bed at night (to avoid collap se) increased to 1mg 2-3 times daily after 3-4 days; further increased if necessary to max. 20 mg daily ... .. Congestive heart failure, 500 mcg 2-4 times daily (initial dose at bedtime. increasing to 4 mg daily in divided doses; maintenance 4-20 mg daily (but rarely used ) ..... Raynaud's syndrome (but effecacy not established), initially 500 mg twice daily (initial dose at bedtime); maintenance 1-2mg twice daily.

## G - Centrally acting anti-hypertensive drugs

382 - Methyldopa ( adamat , alfomet , alfadopa , epidopa , kadomet ) .. tab. & cap .. indicated in Hypertension ..... s a centrally acting antihypertensive; it may be used for the management of hypetension in pregnancy ..... initially 250 mg 2-3 t.d. increased gradually at intervals of 2 or more. max. 3 gm daily. Elderly initially 125mg twice daily, increased gradually, max. 2 gm daily.

383 - Clonidine hydrochloride ( catapress ) tab & injection ... indicated in Hypertension , Migraine , Menopausal flushing ..... By mouth, 50-100 mcgm 3

times daily, increased every second or third day; usual max. dose 1.2 mg daily ...  
By iv inj. 150-300mcgm . Max. 750 mcg in 24 hours .

384 - Moxonidine ( cynt ) tab ..... is licensed for mild to moderate essential hypertension . It may have a role when thiazides, beta-blockers, ACE inhibitors and calcium-channel blockers are not appropriate or have failed to control blood pressure ..... 200 mcgm once daily in the morning, increased if necessary after 3 weeks to 400mcgm daily in 1-2 divided doses; max. 600 mcg daily in 2 divided doses .

## H - Vsodilators

الادويه الموسعه للاوعيه الدمويه

385 - Sodium nitroprussid ( nipruss , nitriate ) injection ... is a potent peripheral vasodilator which affects both arterioles and venules , For this reason, it can be used in severe cardiogenic heart failure in addition to reduce blood pressure .

386 - Hydralazine ( apresoline ) tab ..... Indicated for severe hypertension & as adjuncts in treatment of heart failure ..... Start with 10 mg four times daily for the first 2-4 days, increase to 25 mg four times daily for the balance of the first week. For the second and subsequent weeks, increase dosage to 50 mg four times daily.

## I - Diuretics

### Thiazide diuretics

ادويه مدره للبول ( مجموعه السيازيد )

Are used to relieve oedema due to chronic heart failure and, in lower doses, to reduce blood pressure alone or in combination with other antihypertensive drugs...

تستعمل مدرات البول كخط اول لعلاج الضغط او كعامل مساعد مع ادويه اخرى لعلاج الضغط و زياده كفاءته  
عمل عضله القلب في حاله فشل عضله القلب و عدم قدرتها على اداء وظيفتها (

387 - Hydrochlorothiazide ( hydretic , hydrex ) tab .. is indicated in the management of hypertension either as the sole therapeutic agent, or in combination with other antihypertensives ..... 1 tab once , total daily doses greater than 50 mg are not recommended.

388 - Chlorthalidone ( hygroton ) tab .. Oedema, up to 50 mg daily for limited period, Hypertension, 25mg in the morning, increased to 50mg if necessary , Heart failure, 25-50mg in the morning, increased if necessary to 100-200mg daily ..

389 - Chlorthalidone + atenolol ( blockium dio , tenedone, tenoret , tenoretic ) tab ..

390 - Indapamide ( diurex , hypotense , indamide , natrilix ) .. tab .... Indicated in Essential hypertension ..... 2.5 mg in the morning ..



391 - Amiloride ..... Used alone, initially 10mg daily or 5mg twice daily, adjusted according to response; max.. 20mg daily..... With other diuretics , congestive heart failure and hypertension , initially 5-10 mg daily; cirrhosis with ascitis, initially 5mg daily....

392 - Amiloride + Hydrochlorothiazide ( hydical , moduretic , saluretic , yostretic ) tab.

393 - Xipamide ....is used in treatment of Hypertension and excessive fluid retention due to congestive heart failure, cirrhosis, Nephrotic syndrome

394 - Xipamide + spironolactone ( Epilactone X ) tab...

395 - Xipamide + triametrene ( epitens ) tab.

## Loop diuretics

They are used in pulmonary oedema due to left ventricular failure, intravenous administration , produces relief of breathlessness and reduces preload sooner than would be expected from the time of onset of diuresis ...

تستخدم تلك المجموعه فى حالات احتقان و تراكم المياه فى الرئه نتيجة ضعف و فشل عضله القلب و لذلك  
تستخدم فى حالات ضيق التنفس و تخفف من اجهاد عضله القلب عن طريق تقليل الدم الراجع من الاورده الى القلب ...

396 - Furosemide ( bon-one , diusex , fruzex , furosemide , lafurex , lasix , odement , salex ) tab . & amp ..... indicated in oedema oligouria due to renal impairment ... By mouth , oedema, initially 40mg in the morning; maintenance 20-40 mg d. , increased in resistant oedema to 80mg daily or more; child 1-3 mg/kg daily, max. 40mg daily , Oliguria, initially 250mg; if necessary larger doses, increasing in steps of 250mg, may be given every 4-6 hrs to a max. of a single dose of 2 gm (rarely used) , ..... By im injection or slow iv in initially 20-50mg ; child 0.5-1.5 mg/kg to a max. daily dose of 20mg .....

397 - Furosemide + Spironolactone ( lasilactone , spiromide ) tab...

398 - Bumetanide ( burinex , diunide , edemex ) tab. .... Tab. & amp ..... indicated in oedema, oligourea due to renal failure ..... By mouth, 1mg in the morning, repeated after 6-8 hours if necessary, severe cases, increased up to 5 mg or more daily, Elderly, 500 mcg daily may be sufficient ....

399 - Torsemide ( examide , torseretic ) tab .....indicated in oedema, hypertension .... oedema, 5mg once daily, preferably in the morning, increased if required to 20mg once daily usual max. 40mg daily ..... Hypertension, 2.5mg daily, increased if necessary to 5 mg once daily..

## Potassium sparing diuretics

### مدرات البول التي تزيد من نسبة البوتاسيوم في الدم

are weak diuretics. They cause retention of potassium and are therefore used as a more effective alternative to giving potassium supplements with thiazide or loop diuretics.

400 - Triametrene ..... By iv inj. 1-2mg , repeated after 20 minutes; when im inj. Considered necessary , 1mg initially then adjusted according to resover 30-60 minutes ...

401 - Triametrene + Xipamid ( epitens ) tab..

402 - Spironolactone ( aldactone , epilactone , potasave , potaspiro , spironolactone ) tab ..... Indicated in Oedema & ascitis in cirrhosis of the liver , Malignant ascitis , Nephrotic syndrome , Congestive heart failure , Primary hyper-aldosteronism .... 100-200 mg daily, increased to 400mg if required; child initially 3 mg/kg daily in divided doses ...

403 - Spironolactone + Hydrochlorothiazide ( aldactazide , duratensin , epilactazide , spirozide ).. tab.

404 - Spironolactone + Furosemide ( lasilactone , spiromide ) tab..

405 - Amilorid .... The drug is often used in conjunction with thiazide or loop diuretics

406 - Amilorid + Hydrochlorothiazide ( hydical , mofuretic , saluretic , yostretic )

### Osmotic diuretics

Osmotic diuretics are rarely used in heart failure as they may acutely expand the blood volume . Mannitol is used in cerebral oedema ..

مدرات البول تلك لا تستخدم في حالات فشل او عدم كفايته عضله القلب حيث انها تزيد حجم الدم و لكن تستعمل في حالات تجمع المياه في المخ .....

407 - Mannitol .. I.V infusion ... A typical dose is 1 gm/kg as a 20% solution given by rapid iv infusion ..

408 - Acetazolamide ( acetamex , cidamex , diamox , glaucomide ) tab , cap. & injection ..... used as adjuncts in ttt of oedema due to heart failure , acute angle closure glaucoma & open – angle glaucoma to lower intra ocular pressure .....  
Glaucoma: 250 mg to 1 g of acetazolamide per 24 hours, usually in divided doses for amounts over 250 mg ... Congestive Heart Failure: 250 to 375 mg once daily in the morning (5 mg per kg)..

### Drugs used to treat hypotension

409 - Etilefrine ( effortil , vascon ) tab. & drops ..... indicated in Symptomatic or orthostatic hypotension, in general associated with symptoms like dizziness, unexplained tiredness , blurring or loss of vision, sense of weakness..... 1-2 tablets three times a day should be taken with liquid. A particularly rapid effect is achieved if the tablets are taken before meals. Oral solution (10 drops = about 5 mg) Adults and children over 10 years. 10-20 drops three times a day Child between 2 and 6 years: 5-10 drops three times a day Child. under 2 years: 2-5 drops three times a day.

410 - Heptaminol ( corasor , cotesor , hepta , heptaminol , rspirin ) tab. & drops ... Heptaminol strengthen the systolic contraction of the myocardium, also it has a peripheral, vasoconstrictor activity, and increase the coronary blood flow..... 1tab. Or 5:10 drops 2:3 times daily.

411 - Fludrocortisone ( astonin-h , adrecort h , cortilon) .. is Sympathomimetic drug , mineralocorticoid that enhance the reabsorption of sodium ions from the tubular fluid into the plasma that cause a rise in blood pressure .. ..... 0.1 mg to 0.2 mg of Florinef (fludrocortisone) Acetate daily ..

## Management of arrhythmias

ادويه لعلاج عدم انتظام عضله القلب

Class 1a, b, c: membrane stabilising drugs (e.g. quinidine, lidocaine, flecainide )

412 - Quinidine ( quinacard sr , quinidine so4 ) tab .. May be effective in suppressing supra-ventricular and ventricular arrhythmias ..... 300 mg;( 249 mg of quinidine base) every eight to twelve hours...

413 - Lidocaine ( debocaine , lidocaine , xylocaine ) .. injection .. indicated in Ventricular arrhythmias, especially after myocardial infarction .. ... By IV inj. , 100mg as a bolus followed immediately by infusion of 4mg/minute for 30 minutes 2mg/minute for 2 hours, then 1mg/minute ..

414- Flecainide ( tambocor ) tab. & amp .... It may be of value in serious symptomatic ventricular arrhythmias. It may also be indicated for junctional re-entry tachycardias and for paroxysmal atrial fibrillation .. starting dose is 50 mg every 12 hours , increased in increments of 50 mg bid every four days until efficacy is achieved ..

## Class 2: beta-blockers

intravenous administration of beta-blocker such as esmolol or propranolol, can achieve rapid control of the ventricular rate ..

415 - Propranolol ( inderal , indolol , mayestrotense , prolol amp ... bu parentral injection , 1 to 3 mg administered under careful monitoring , the rate of administration should not exceed 1 mg (1 mL) per minute to diminish the possibility of lowering blood pressure .

416 - Esmolol ( brevibloc ) amp & vial .... By iv infusion , 0.5 mg/kg infused over a minute duration followed by a maintenance infusion of 0.05 milligrams/kg/min (50 micrograms/kg/min) for the next 4 minutes is recommended.

### Class 3: amiodarone, bretylium, and sotalol

417 - Amiodarone ( amiocord , cardio mep , cordarone , farcodarone , ronecard , sedacoron ) .. tab. & amp .... Indicated in Paroxysmal supra-ventricular tachycardia , Nodal tachycardia , Atrial fibrillation , Ventricular fibrillation ... By mouth , 200 mg 3 t.d. for 1 week reduced to 200 mg twice daily for a further week, maintenance 200 mg daily ..... By iv infusion via caval catheter , initially, 5mg/kg over 20-120 minutes with ECG monitoring , subsequent infusion given if necessary according to response up to max. 1.2gm in 24 hrs ..... ventricular fibrillation or pulseless ventricular tachycardia, by IV inj. Over at least 3 minutes 300mg.

418 - Sotalol ( betacor , betalol , cortec , sotacot ) tab .. 80 mg twice daily , may be increased to 120mg twice daily .

### Class 4: calcium-channel blockers (includes verapamil but not dihydropyridines

419 - Verapamil ( cardiomil , glopamil , isopamil , isoptin , izoptomil , veratens ) tab. , amp. & cap .... Is usually effective for supraventricular tachycardia ..... 240 to 320 mg/day in divided (t.i.d. or q.i.d.) doses. The dosage for prophylaxis of PSVT (non-digitalized patients) ranges from 240 to 480 mg/day in divided (t.i.d. or q.i.d.) doses .

### Other drugs for ttt of arrhythmias

ادويه اخرى لعلاج عدم انتظام ضربات القلب

**Class 1 A groups include: Quinidine - Procainamide - Disopyramide**

**Class 1 B groups include: Lidocaine - Mexiletine - tocainide**

**Class 1 C groups include: Encainide - Flecainide - Moracizine - Propafenone**

420 - Disopyramide ( rythmodan ) cap. .... Indicated in Ventricular arrhythmias especially after myocardial infarction & Supraventricular arrhythmias ..... By mouth , 300-800mg daily in divided doses ..... by slow iv inj., 2mg/kg over at least 5 minutes to a max. of 150 mg, with ECG monitoring , followed immediately either by 200 mg by mouth, then 200 mg , every 8 hours for 24 hours or 400mcgm/kg/hour by IV infusion , max. 300 mg in first hour and 800mg daily ..

421 - Propafenone ( rythmonorm ) tab .. indicated in ventricular arrhythmia & paroxysmal suraventricular tachycardia ... 70 kg and over, initially 150 mg 3 times daily , may be increased at interval of 3 days to 300 mg twice daily and; if necessary, to max. 300 mg 3 times daily ..

422 - Procainamide HCL ..... injection ..... By slow iv injection, rate not exceeding 50mg/minutes,100mg , repeated at 5-minute intervals until arrhythmia controlled..

423 - Mexiletine ( mexitil ) cap. & amp ..... indicated in Ventricular arrhythmias, especially after myocardial infarction ..... By mouh, initial dose 400 mg (may be increased to 600mg if opiod analgesic also given ) allowed after 2 hours by 200- 250 mg 3-4 times daily ...

424 - Phenytoin ( epanutin , epitoin , healosol , epantene , pharoton , phenytin , phenytoin ) cap. & susp & injection .. ... Phenytoin by slow intravenous injection was formerly used in ventricular arrhythmias particularly those caused by cardiac glycosides, but this use is now obsolete ..

### Cardiac glycosides for ttt og arrhythmias مجموعه الجليكوسيد لعلاج عدم انتظام ضربات القلب

425 - Digoxin ( cardiocaps , cardixin , digicap , lanoxin ) tab. , cap , & amp .... Indicated for Heart failure & Supraventricular arrhythmias (particularly atrial fibrillation) ..... by mouth, 1-1.5 mg in divided doses daily, over 24 hrs; less urgent digitalisation, 250 – 500 mcg d. (higher doses can be divided) Maintenance, 62.5- 500mcg daily .. ... Emergency loading dose, by IV infusion, 0.75-1 mg over at least 2 hrs ..

### Parental anticoagulants مضادات التجلط الدموى ( للحقن )

426 - Heparin ( calciparin , cal-heparin , heparin sodium ) ammp .... Indications : Deep-vein thrombosis , Myocardial infarction , Post operative deep – vein thrombosis and pulmonary embolism ..... By IV injection, loading dose of 5000 units (10 000 units in severe pulmonary embolism) followed by continuous infusion of 15-25 units/kg/hour or treatment of deep-vein thrombosis, by sc injection of 15 000 units every 12 hours (laboratory monitoring essential-preferably on a daily basis, and dose adjusted accordingly .

427 - Enoxaparin sodium ( clexane , lowparin ) ..injection ... Prophylaxis of deep-vein thrombosis especially in surgical patient, by SC injection, moderate riske, 20mg (2000 units) approx. 2hrs before surgery then 20mg (2000 units) every 24 hrs for 7-10 d. high risk (e.g orthopaedic surgery) 40mg (4000 units) 12 hrs before surgery then 40 mg (4000 units) every 24 hrs for 7-10 days ..

428 - Tinzaparin ( inohep ) injection .. Prophylaxis of deep-vein thrombosis, By SC injection, general surgery, 3500 units 2 hrs before surgery, then 3500 units every 24 hrs for 7-10 days; orthopaedic surgery (high risk), 50 u/kg 2 hrs before surgery then 50 units/kg, every 24 hrs for 7-10 days or 4500 units 12 hours before surgery, then 4500 u every 24 hrs for 7-10 days ...

429 - Nadroparin ca ( fractionarin , fraxiparine ) injection ...

430 - Cetoparin ( troparin ) ... injection ... Prophylaxis of deep-vein thrombosis, by SC injection, 3000 units 1-2 hours before surgery then 3000 units every 24 hrs for 7-10 days (or until the patient is mobile).

431 - Dalteparin sodium ( fragmin ) injection .... Prophylaxis of deep-vein thrombosis, by SC injection, moderate risk, 2500 units 1-2 hours before surgery then 2500 units every 24 hrs for 5-7 days or longer; high risk, 2500 units 1-2 hrs before surgery, then 2500 units 8-12 hrs later (or 5000 units on the evening before surgery, then 5000 units on the following evening), then 5000 units every 24 hrs for 5-7 days or longer (5 weeks in hip replacement) ... Unstable coronary artery disease, by SC injection, 120 units /kg every 12 (max. 10 000 units twice daily) for 5-8 days ..

432 - Fondaparinux sodium ( arixtra ) injection .. inhibits activated factor X. it has been introduced recently for prophylaxis of venous thromboembolism in those undergoing major orthopaedic surgery of the legs .. ... Dose : SC inj. 2.5 mg 6 hrs after surgery then 2.5 mg daily for 5-9 d. , child under 17 years not recommend ...

433 - Epoprostenol ( prostacyclin ) .. inhibit platelet aggregation during renal dialysis either alone or with heparin. It is also licensed for the treatment of primary pulmonary hypertension resistant to other treatment usually with oral anticoagulation ..... administered by continuous intravenous infusion via a central venous catheter using an ambulatory infusion pump ..

## Oral anticoagulants & Anti-plateletes

مضادات التجلط تؤخذ عن طريق الفم

Oral anticoagulants antagonise the effects of vit.k, and take at least 48-72 hrs for anti-coagulant effect to develop fully; if an immediate effect is required, heparin must be given concomitantly ..

Antiplatelet drugs decrease platelets aggregation and may inhibit thrombus formation in the atrial circulation, where anti-coagulants have little effects. e.g . Aspirin, Dipyridamole & Glycoprotein 2b/3a inhibitors ( tirofiban , eptifibatide , abciximab ) ...

434 - Warfarin ( coumadin , haemofarin , marevan , marivanil ) tab ..... indications : 1-Prophylaxis of embolisation in rheumatic heart disease and atrial fibrillation , 2 - Prophylaxis after insertion of prosthetic heart valve . , 3 - Prophylaxis and treatment of venous thrombosis and pulmonary embolism . , 4-Transient ischaemic attacks .

Dose : The dosage and administration of warfarin sodium must be individualized for each patient according to the particular patient's PT/INR response to the drug ..

435 - Acetyl salicylic acid ( aspocid , aggrex , aspain , aspico , aspirin , aspirin protect , asprotect , bufferin , cardiprin , ecoprin , ezacard , jusprin , rhonal , rivo ) .. tab.. .. indicated for Prophylaxis of cerebrovascular disease or myocardial infarction ... 50-300 mg is given as soon as possible after ischaemic event ..

436 - Dipyridamole ( ana-plate , persentine , pressavein ) tab ..... Indications : 1- Adjunct to oral anticoagulant for prophylaxis of thrombo-embolism associated with prosthetic heart valves , 2-it is also used in combination with low-dose aspirin ..

Dose : By mouth , 300-600 mg daily in 3-4 divided doses before food ..... For Secondary prevention of ischaemic stroke and transient ischaemic attacks (used alone or with aspirin), adjuncts to oral anticoagulation for prophylaxis of thromboembolism associated with prosthetic heart valves , 200mg twice daily preferably with food ..

437 - clopidogrel ( blotagril , brogavix , clatex , clopidogrel , fibrogrel , idiavex , myogrel , orgistrok , platenor , plavocard , plavictonal , plavix , sigagrel , stroka , thrombo ) tab ... antiplatelets aggregation ..... indications : Prevention of atherosclerotic events in peripheral arterial disease, or within 35 days of myocardial infarction, or within 6 months of ischaemic stroke , or, ( given with aspirin) in acute coronary syndrome without ST- segment-elevation) .... 75mg once daily. Acute coronary syndrome, initially 300 mg then 75mg daily (with aspirin)

438 - tirofiban ( aggrastat ) injection .... Antiplatelets aggregation .. ..... Indications: Prevention of early myocardial infarction in patients with unstable angina and with last episode of chest pain within 12 hrs ... Dose: By (IV) infusion, initially 400 nanogram/kg/minute for 30 minute, then 100 nanogram/kg/minute for at least 48 hrs (For 108 hrs ) ..

439 – Ticlopidine ( sedoplate , ticlid , ticlopidine , ticlopidine ) .. tab ... Antiplatelets aggregation .... to reduce the risk of thrombotic Stroke ..... 250 mg bid taken with food

## Fibrinolytic drugs

### الأدوية التي تكسر التخثر الدموي ( الجلطة )

They act as thrombolytic by activating plasminogen to form plasmin, which degrades fibrin and so , break thrombi. The value of thrombolytic drugs for the treatment of myocardial infarction has been established. Streptokinase and alteplase have been shown to reduce mortality. Reteplase, and more recently, tenecteplase are also used for acute myocardial infarction; they are given by IV injection (tenecteplase is given as a bolus injection ) ..

440 - Streptokinase ( durakinase , kabikinase , sedonase , streptolase ) .. injection  
 .... Indications : Acute myocardial infarction , Deep vein thrombosis , Pulmonary embolism , Acute atrial thromboembolism , Central retinal venous or atrial thrombosis.....Myocardial infarction , 1 500 000 units over 60 minutes .. -----  
 --- for Deep-vein thrombosis, pulmonary embolism, acute atrial thromboembolism, central retinal venous or arterial thrombosis, by IV infusion , 250 000 units over 30 minutes then 100 000 units evry hour for up to 12-72 hrs according to condition with monitoring of clotting paramaters ..

## Antifibrinolytic drugs & haemostatics

441 - Tranexamic acids ( beldex , cyclokapron , hemoxamine , kapron , tranex ) .. tab. & amp ..... By mouth, local fibrinolysis 15-25 mg/kg 2-3 t.d. , Menorrhagia ( initiated when menstruation has started ), 1 gm 3 t.d for up to 4 days, max. 4 gm daily , Hereditary angioedema, 1-1.5 gm 2-3 times daily .. By slow ( iv ) injection,local fibrinolysis, 0.5-1 gm 3 t.d...

442 - Desmopressin ( minirin , octostim ) .. tab. & injection ) ..... it is used in the management of mild to moderate haemophilia .... 4 mcg/mL is administered as an intravenous infusion at a dose of 0.3 mcg DDAVP/kg body weight diluted in sterile physiological saline and infused slowly over 15 to 30 minutes. In adults and children weighing more than 10 kg, 50 mL of diluent is recommended; in children weighing 10 kg or less, 10 mL of diluent is recommended ...

443 - Ethamsylate ( dicynone , eselinate , etacynone , haemostat , haemostatine , haemostop , haemostat ) .. tab. & injection ..... Short- term treatment of blood loss I n Menorrhagia, 500 mg 4 times daily during menstruation ..

## Lipid regulating drugs

الادويه التى تقلل نسبه الكوليستيرول و الدهون فى الدم

### A- Anion-exchange resin & drugs inhibit absorption of cholesterol from intestine

444 - Colestyramine ( cholestran , questran ) .. powder sachets ... .. Indications : Hyperlipidaemia , hypercholesterolaemia , Pruritus associated with partial biliary obstruction and primary biliary cirrhosis ... Lipid reduction , 12-24 gm daily in water in single or up to 4 divided doses; up to 36 gm if necessary ..

445 - Ezetimibe ( choletimb , cholstop , ezetimib , ezetrol , zetamibe , zetlip ) tab ... used as Adjunct to dietary measures & statin and homozygous familial hypercholesterolaemia ..... The recommended dose of ZETIA is 10 mg once daily. ZETIA can be administered with or without food ...



## B - Fibrates

Bezofibrate, ciprofibrate, fenofibrate, and gemfibrozil act mainly by decreasing serum triglycerides; they have variable effects on LDL-cholesterol. Fibrates may reduce the risk of coronary heart disease events in those with low HDL-cholesterol or with raised triglycerides ...

446 - fenofibrate ( fenolip , fenorate , lipanthyl , lipolex , lippomedizen ) tab. & cap ..... for Primary Hypercholesterolemia or Mixed Dyslipidemia The initial dose of is 145 mg once daily..... Severe Hypertriglyceridemia , The initial dose is 48 to 145 mg per day. Dosage should be individualized according to patient response, and should be adjusted if necessary following repeat lipid determinations at 4 to 8 week intervals. The maximum dose is 145 mg once daily ...

447 - Gemfibrozil ( lopid , lowlip , regulip ) tab. & cap .. Indications: Hyperlipidaemias of types 2a, 2b, 3, 4, and 5 in patients who have not responded adequately to diet and other appropriate measures; primary prevention of coronary heart disease in men aged 40-55 years with hyperlipidaemias that have not responded to diet & other appropriate measures ...

448 - Bezafibrate ( bezalip , bezamidine , epibeza ) tab. ... Indication: Hyperlipidaemia, type 2a , 2b , type 3 , 4 , 5 .... 1 cap daily ..

## C - Statins

The statins (atorvastatin, fluvastatin, pravastatin, rosuvastatin, and simvastatin) competitively inhibit 3-hydroxy-3-methylglutaryl coenzyme A (HMG CoA) reductase, an enzyme involved in cholesterol synthesis, especially in the liver. They are more effective than other classes of drug in lowering LDL-cholesterol but less effective than the fibrates in reducing triglycerides ..

449 - Atorvastatin ( ator , atorstat , borgastatin , lipicole , lipiless , lipinorm , lipitor , lipona , lipovast , rostatine , sigmalip , torvast ) .. tab .. Indication: Primary Hypercholesterolaemia , heterozygous familial hypercholesterolaemia, homozygous familial hypercholesterolaemia or combined ( mixed hyperlipidaemia in patients who have not responded adequately to diet and other appropriate measures ..

Dose: Primary hypercholesterolaemia and combined hyperlipidaemia , usually 10mg once daily ; . Familial hypercholesterolaemia , initially 10mg daily, increased at intervals of at least 4 weeks to 40 mg once daily ; if necessary further increased to max. 80mg ; once daily (or combined with anion-exchange resin in heterozygous Familial hypercholesterolaemia ) .

450 - Atorvastatin + amlodipine ( amlosterolen , caduet )

451 - Atorvastatin + ezetemibe ( atoreza , ezastatin )

452 - Fluvastatin ( hypocol , lescol ) tab. & cap ..... Initially 20-40mg daily in the evening, adjusted at intervals of at least 4 weeks; up to 40mg twice daily may be required .... Following percutaneous coronary intervention, 80mg daily ...

453 - Pravastatin ( cholestate , lipostat ) tab ... Indications: Primary hypercholesterolaemia in patients who have not responded adequately to dietary control; adjunct to diet to slow progression of coronary atherosclerosis & reduce incidence of cardiac events in patients with hypercholesterolaemia and atherosclerotic coronary artery disease .. .... 10-40 mg once daily at night, adjusted at intervals of not less than 4 weeks.

454 - Simvastatin ( alkor , amristatin , corvast , low-sterol , simvacor , simvaged , simvahexal , simvastat , zocor ) tab ..... Dose : Primary hypercholesterolaemia, heterozygous familial hypercholesterolaemia, combined hyperlipidaemia, 10mg daily at night, adjusted at intervals of not less than 4 weeks; usual range 10-80 mg once daily at night..... Homozygous familial hypercholesterolaemia, 40 mg daily at night or 80 mg daily in 3 divided doses (with largest dose at night) ..... Coronary heart disease, initially 20 mg once daily at night, adjusted at intervals of not less than 4 weeks; max. 80 mg once d..

455 - Simvastatin + Ezetemibe ( alkor plus , cazet , downsterolin , inegy , lipitrin , simva-map , simvaxibe , zetlip plus , zocozet ) tab ....

456 - Rosuvastatin ( advochol , choleroze , crestolip , crestor , estero-map , frositor , justechol , liporegistrate , merosatin , rosuvast , suvicar ) .. tab .. Dose: 10mg once daily increased if necessary after not less than 4 weeks to 20mg once daily, further increased to 40 mg in severe hypercholesterolaemia and high cardiovascular risk.

## Drugs used to treat Peripheral vascular insufficiency

ادويه لمعاجه اضطرابات الدوره الدمويه الطرفيه و عدم كفاءتها

Most serious peripheral vascular disorders are due to occlusion of vessels, either by spasm or sclerotic plaques, Life-style changes including smoking cessation and exercise training are the most measures in the conservative management of intermittent claudication.

457 - Omega-3-marine triglycerides .. cap .. Dose: capsules three times daily with food. Or 5 ml twice daily with food..

458 - Naftidrofuryl ( cerebromap , furyxel , naftilong , praxilene ) tab. & cap..... indicated for Peripheral vascular disease & Cerebral vascular disease ..... 200 mg 3 times daily may alleviate symptoms and improve pain-walking distance in moderate disease .

459 - Cilostazol ( claudicat , claudizol , infarca , pletaal , sedotazole ) tab ...  
Indications: Intermittent claudication in patients without rest pain and no peripheral tissue necrosis ... Dose: 100mg twice daily (30 minutes before or 2 hours after food) ...

460 - Pentoxifylline ( normobral sr , oxypental , pental , pentox , pentoxal , pexal , rebcoflex , trental , vasocare , vasotal ) .. tab. & injection ..... indicated for Peripheral vascular disease & Venous leg ulcer ..... 400 mg 2-3 times daily ...

461 - Cinnarizine ( cerebral , cinnarizine , cinnazin , stugeron , stuval ) .. tab ...  
indicated for Peripheral vascular disease , Vestibular disorders (vertigo , nausea, vomiting) , motion sickness , raynaud's syndrome ..... Initially, 25mg 3 times daily; maintenance, 75mg 2-3 times daily ..

462 - Piracetam ( cerebro , cerebroforte , egyptam , memoral , neurocet , nootropil , oxitropil , stimulan ) tab. , syp . amp. Cap....

463 - Piracetam + vincamine ( cervitam ) cap.. 1 cap twice daily ..

464 - Piracetam + Cinnarizine ( cinaritam ) cap. 1 cap. Twice daily ..

465 - Trimetazine ( metacardia , tricardia , vastarell ) .. tab.....

466 - piribedil ( cerebrodel , trivastal ) tab..

467 - Rutin ( ruta c , rutin c , rutalex c ) ... tab. & cap ..

468 - Troxerutin + carbazochrom ( fleboton ) amp.

469 - Ginkgo biloba ( gincofar , ginko , tanakan , tebonina forte ) ... tab. & cap

470 - Diosmin ( daflon , diflorutacine , diosed , diosmax , diosmil , dioven , insuvin , phlebodia ) ... tab. & cap .....

471 – Aescin ( prostatine , repara ) .. tab.

472 – Rutoside ( venoruton ) ... tab. & cap .....

473 – Calcium dobesilate ( bekcium , dilasal , dobesil , doxium ) cap ...

474 - raubasine ( duxil) ....

475 - chymotrypsin ( alphachymotrypsin )  
- chymotrypsin ( ambezim , alphintern , newbezim )

476 - Nafazon ( mediaven )

477 - Nicergolin ( dinacer , rebravas , sermion )

- 478 - vinpocetine ( angiovan , cavestin , cavinil , cavinton , circufit , veinpo , vinporal ) ... tab. & cap ...
- 479 - vincamine ( brain-ox , oxybral , vincapral , vincamore ) cap. , syp. , & amp
- 480 - Vincamine + piracetam ( cervitam ) cap...
- 490 - pyritinol hcl ( encephabol ) tab. , syp . injection .....
- 491 - meclofenoxate hcl ( lucidril , luciforte , noodril ) tab. , & injection ...
- 492 - cerebrolysin .... Amp ....
- 493 - Isoxsuprine ( duvadilan , perivas , vascular , vasoxuprine ) tab ....
- 494 - betahistine ( betaserc , histaseric , histine , histotec , microserc , verserc , vertiseric ) tab.....
- 495 - pyridylcarbimol ( ronicol ) .. tab ..
- 496 - co-dergocrine ( cerebrogen , hydergine ) tab.... Indicated for Cerebral vasodilators , Improve mental function , Used in elderly as an adjuvant to treat mild to moderate dementia. .... 1.5 mg 3 times daily before meals or 4.5mg once daily ...

### Inotropic sympathomimetic

#### ادويه تزيد من انقباض الاوعية الدموية

The cardiac stimulants dobutamine and dopamine act on beta1 receptors in cardiac muscle, and increase contractility with little effect on rate ...

تلك الادويه تستخدم في حالة الهبوط الشديد في ضغط الدم و توقف عضله القلب و تعمل على مستقبلات الادرينالين رقم ١

497 - Dobutamine ( dobutect , dobutrix ) injection .... Indications : Inotropic support in infarction , Cardiac surgery , Cardiomyopathies , septic shock , Cardiogenic shock .... By IV infusion, 2.5-10 mcgm/kg/ minute, adjusted according to response ..

498 - Dopamine hydrochloride ( dopamine , intropine ) injection .... Indicated for Cardiogenic shock in infarction , or Cardiac surgery ... By IV infusion, 2.5 mcgm/kg/min initially ...

### Vasoconstrictor sympathomimetics

Vasoconstrictor sympathomimetic raise the blood pressure transiently by acting on alpha-adrenergic receptors to constrict peripheral vessels. They are sometimes used as an emergency method of elevating blood pressure where other measures have failed ..

499 - Noradrenaline ( levophrine ) amp ... Indications: Acute hypotension, cardiac arrest ... Dose: Acute hypertension, by iv infusion, via central venous catheter, of a solution containing noradrenaline acid tartarate 80mcgm/ml at an initial rate of 0.16-0.33ml/minute, adjusted according to response .... For cardiac arrest , by rapid iv or intracardial injection, 0.5-0.75ml of a solution containing noradrenalne acid tartarate 200mcgm/ml ...

500 - Ephedrine hydrochloride .... injection .....

## Mucolytics

### ادويه مزييه للبلغم و المخاط و الافرازات

Any agent which dissolves thick mucus to help relieve respiratory difficulties. (hydrolyzing glycosaminoglycans: tending to break down/lower the viscosity of mucin-containing body secretions/ components ) ...

501 – Carbocisteine ( avichest , carbolase , mucosol ) tab. & syp ..... 750 mg 3 times daily initially, then 1.5 gm daily in divided doses ; child 2-5 years 62.5-1.5 mg 4 times daily, 6-12 years 250 mg 3 times daily ...

502 - Acetylcysteine ( acc , acesolv , aceylcystein , mucomyst ) tab. & syp & sachets ..

503 – Carboxymethylcystein ( mucolase , sovex ) cap. , syp ....

504 – Ambroxol ( bronchopro , mucosol , mucoproxol , mucofar , mucoline , mucopect , mucosin , mucosolvan ) cap . , & syp ....

505 - Bromhexine HCL ( bisolvon , bromhexine , bromosolv , mucolyte , solvin ) .. tab. Drops , syp ..& amp..

506 - Bromhexine HCL + guaifenesin ( nuclear ) cab. , syp

507 - Bromhexine HCL + acefylline piperazine ( mucophylline) syp

508 - Bromhexine HCL + salbutamol ( mucovent ) tab.

509 - Guaifenesine + Dextromethorphan ( bronchotec ) syp..

510 - Guaifenesine + Salbutamol (bronchovent , octovent plus , ventolin exp) tab. & syp..

511 - Guaifenesine + Pseudoephedrine (bronex ,Triaminic chest congestion) oral drops , syp ..

512 - Guaifenesine + Bromhexine ( muclear ) cap ...

513 - Guaifenesine + Ambroxol ( mucosin ) syp ..

514 - Guaifenesine + Theophylline ( Neo-minophylline )

515 - Guaifenesine + Diphylline ( ventobronchal plus ) Tab. & syp ..

516 – Erdosteine ( mucotic , edrotinol ) cap.... One cap. Twice daily ..

### Drugs used to treat dry cough

ادويه لعلاج الكحه الجافه و السعال

Palliative care : Diamorphine and methadone have been used to control distressing cough in terminal lung cancer although morphine is now preferred.

Sedating antihistamines : Such as diphenhydramine , are used as the cough suppressant component of many compound cough preparations on sale to the public; all tend to cause drowsiness which may reflect their main mode of action

517 – Codeine ( Codipront , paracodin ) syp ..

518 - Codeine + Diphenhydramine ( broncholase )

519 - Amonium chloride

520 - Amonium chloride + Pheniramine ( avipect ) syp

521 - Amonium chloride + Diphenhydramine ( benalex , isilin ) syp

522 - Amonium chloride + salbutamol ( farcolin ) tab. & syp..

523 - Amonium chloride + ephedrine + Epica ( koffex )

524 – Oxeladin ( oxeladine , paxeladine ) cap , & syp

525 – Noscapine ( coflin , noscapine) tab. & syp ...

526 – Dextromethorphan ( codiphan , tussilar ) tab. , oral drops , syp ...

527 - Dextromethorphan + Guaifenesin ( bronchotec )

528 - Dextromethorphan + chlorpheniramine ( codaphen-n , neo-pulmolar , pulmolar ) syp

529 - Dextromethorphan + pseudoephedrine ( Triaminic )tab. , drops , & syp

- 530 - butamirat ( cough cut , sinecod ) oral drops & syp ...
- 531 – pipazethate ( Selgon ) oral drops , rectal supp . & tab ...
- 532 – pholcodine ( cyrinol ) syp ..  
- pholcodine + ephedrine + acrivastine ( marynl ) syp ..
- 533 – benproperine ( pectipro ) syp ..
- 534 – colbutinol ( silomat ) tab. , Oral drops , syp , and amp ..

### Drugs used to treat asthma & bronchodilators

ادويه موسعه للشعب الهوائيه و تعالج الازمات الصدرية

- 535 – Theophylline ( amriphylline , cidophylline , etaphylline , euphyllong , farcophylline , minophylline , Quibron sr , theo , theofar , theophylline , uniphylline , vent retard , ventophyl ) tab. , supp , syp. , amp & cap..

Indication : Reversible airways obstruction & acut severe asthma ..... 200 mg/12 hrs  
up to 400 mg/ 12 hrs ...

### Drugs used to treat asthma & bronchodilators

ادويه موسعه للشعب الهوائيه و تعالج الازمات الصدرية

#### B2 – Agonists :

- 536 - Salbutamol ( activent , aerolin , broncal , bronchovent , butalin , farcolin , mepacovent , octovent , salbovent , salbutamol , venhaler , vental , ventamol , ventene , ventolin ) ... inhaler , tab. , syp . , accuhaler , injection , cap ..... Dose : By mouth 4 mg 3 t.d ., SC, or IM 500ugm every 4 hrs . , IV infusion initialy 1 ugm/minute increased up to 3-5 mcgm/minutes . , Aerosol inhalation 100-200 mcgm 1-2 pufff) 3 TD ., Inhalation 200-400 mg 3T.D ., Inhalation of nebulized powder 2.5 mg 3 times daily ..
- 537 - Salbutamol + Guaifenesine ( bronchovent , octovent plus , ventolin exp ) syp .
- 538 - Salbutamol + Beclomethasone ( clenil comp , vental ) spray
- 539 - Salbutamol + Ipratrobium bromide ( combivent) aerosol
- 540 - Salbutamol + Ammonium Cl ( farcolin ) syp.
- 541 - Salbutamol + Bromhexine ( mucovent ) tab.

542 - Terbutaline ( aironyl , bricanyl , butaline ) nebulizing solution , syp. , tab. & cap ... .. by mouth , 2.5 mg 3 times daily then 5 mg 3 times daily . , SC, or IV infusion 250-500 mcgm 3 T.D . , IV infusion 3-5 mcgm/minutes. , Aerosol inhalation 250-500 mcgm 3 T.D . , Inhalation of powder 500 mcgm 3 times daily . , Inhalation of nebulized powder 5-10 mgm 3 times daily ..

543 – Salmeterol ( metrovent , serevent ) inhaler , accuhaler ... useful in nocturnal asthma. Patients with asthma who use salmeterol must also use an inhaled corticosteroid (see chronic asthma) because salmeterol may increase life-threatening attacks when given without an inhaled corticosteroid .. 1 inhalation (50 mcg) twice daily (morning and evening, approximately 12 hours apart).

544 - Salmeterol + fluticasone ( seretide) accuhaler ..

545 - bambuterol hcl ( bambic , bambedil , lelafree , noctorelife , probic ) tab. & syp

546 – Formoterol ( bronchostim , foradil , oxis ) powdered aerosol , turbuhaler ...Long-acting beta<sub>2</sub>-adrenergic agonists (LABA), as salmeterol used with inhaled corticosteroids for control of chronic & nocturnal asthma .. 12 mcg (capsule) every 12 hours using the AEROLIZER inhaler...

547 - Formoterol + Budesonide ( symbicort ) tubuhaler .

### Drugs used to treat asthma & bronchodilators

ادويه موسعه للشعب الهوائيه و تعالج الازمات الصدرية

#### Corticosteroids

Acut attack of astma should be treated by prednisolone 40-50 mg daily for a few days .... coricosteroid should be reduced gradually (when treatment or asthma control ) to reduce relapse ... Longer-term treatment of corticosteroid may be necessary, in such case, a higher doses of an inhaled corticosteroid should be continued to minimise oral corticosteroid requirements . ... Oral corticosteroids should be taken at the morning to reduce the disturbances to circadian cortisol secretion..

548 – Beclomethasone ( becloforte , beclo-nasal , beclosone , beconase , becotide , clenil , viarex ) inhaler , nasal spray ...Aerosol inhalation : 00 mdgm twice daily , By inhalation of powder : 400 mcgm twice daily ..

549 – Fluticasone ( flixonase , flixotide discus, ticanase ) inhaler , evohaler , & accuhaler .... Aerosol inhalation: 50-100 ugmg twice daily. , Disckhaller powder : 50 – 125-250 u gm . 1-2 puffs twice daily..



550 - Fluticasone + salmetrol ( seretide ) discus ..

551 – Budesonide ( miflonide , pulmicort ) ..nebulizer susp. , tubuhaler ....200 mcgm twice daily ...

### Drugs used to treat asthma & bronchodilators

ادويه موسعه للشعب الهوائيه و تعالج الازمات الصدرية

#### Antimuscarinic drugs :

552 - Ipratropium bromide ( atrovent , berodual ) inhaler & injection ...

Indication : Reversible air way obstruction particularly in chronic obstructive pulmonary disease..... By aerosol inhalation : 20-40 mcgm, up to 80 mcgm at a time , 3-4 times daily . , By inhalation of powder : 40 mcgms , 3-4 times daily; child under 12 years not recommended . , By inhalation of nebulised solution : 100 - 500 mcgms , up to 4 T.D , child from 1 month-3 years 62.5 -250 mcgm up to 3 T.D. 3-14 years 100 - 500 mcgms up to 3 t. d...

- Ipratropium bromide + salbutamol ( combivent ) aerosol

### Antistamines

مضادات الحساسيه تستخدم اثناء الازمات الصدرية

553 – Sodium cromoglycate ( cromolyn , cusicrom , intal , nasotal , vividrin ) nasal drops , inhaler , cap. , nasal spray ..... Indication : Prophylaxis of asthma , Food allergy , Allergic rhinitis ..... By aerosol inhalation : 10 mg ( 2 puffs ) 4 times daily , increased in severe cases to 6-8 times daily , maintenance dose, 5 mg ( 2 puffs ) 4 times daily . , By inhalation of powder : 20 mg 4 T.D. increased in severe cases to 8 T.D .., By inhalation of nebulized solution : 20 mg 4 T.D. increased in severe cases to 6 T.D ..

554 – Ketotifen ( allerban , ketoten , ketoti , prophallerge , zaditen , zedotefen , zylofen ) tab , syp .... 1 mg twice daily ( with food ) increased if necessary to 2 mg , Initial treatment with readily sedated patients, 0.5-1 gm at night . Child over 2 years, 1 mg 2T.d ..

555 – Montelukast ( asmalair , clear air , delmonkast , idulair , inletair , kast , kokast , montekal , montel , montel air , pirontagonist , sedokast , singukast , singulair , westair ) tab. , chewable tab . & sachets .... 10 mg daily at bed time , child, 5 mg D. at bed time ...

556 – Acrivastine ( semprex ) cap. .. Indications : symptomatic treatment of allergy such as high fever, urticaria ..... 8 mg 3 times daily, child, under 12 years, not recommended ...

557 - Acrivastine + Pseudoephedrine ( Sempra-guid ) .

558 - Cetirizine HCL ( alerid , cetrak , cetritin , eprizine , hista chew , histazine , tomazine , zyrtec ) tab. Oral drops & syp ... Adult & child over 6 years; 10 mg daily or 5 mg 2 T.D., Child 2-6 years ; hayfever, 5 mg daily or 2.5 mg 2 T.D ..

559 - Levocetirizine ( levcet , levocivan , orgitrizine , xaltec , zalkevor ) tab. & syp..

560 - cetirizine + Psudoephedrine ( allercet , clearest , xinase ) ... tab.

561 - Fexofenadine HCL ( alertam , allerfen , allergyna , fastel , fastofen , fexodine , fexon , histafree , linofenadine , orgofexadine , rapido , telfast ) ... 120 - 180 mg once daily ..

562 – Loratadine ( clarihst , Claritine , lorano , loratidine , loratan , lorine , mosedin ) tab. & syp .. .... Adult and child over 6 years 10 mg daily , Child 2 - 5 years, 5 mg daily ...

563 - Desloratidine ( aerius , d-clar , delarex , desa , deslorate , fernilar , lorafast , neoloradin , tendratine ) tab. & syp

564 - Loratadine + Pseudoephedrine ( clarinase , decongress , loratin-d , mosedin plus ) cap. , & tab ..

565 – Chlorpheniramine ( allergyl , anallerge , chlorantine-m , pirafene ) tab. & syp ... indicated for Symptomatic treatment of all ergy & Emergency treatment of anap hylactic reactions. .... By mouth , 4 mg/4-6 hrs, max. 24 mg daily , Child under 1 year, not recommended . , Child, 2-5 years, 1 mg every 4-6 hr. max. 6 mg daily , Child, 6-12 years, 2 mg ev ery 4-6 hr. max. 12 mg d ... , S.C, or IM inj. , 10-20 mg, repeated if required, max. 40 mg in 24 hrs ... , By IV injection , 10-20 mg over 1 10-20 mg over 1 minutes ..

566 - Chlorpheniramine + dexamethasone ( apidone , phenadone , vendexine ) syp .

567 - Chlorpheniramine + Etilifrine ( balkis , ) cap. & syp

568 - Chlorpheniramine + Dextromethorphan (codaphine-n , nep-pulmolar , pulmolar ) syp..

569 - Chlorpheniramine + Pseudoephedrine ( rhinogesis , Triaminic cold & allergy ) syp

570 - Chlorpheniramine + Phenylephrine ( pararhinol , sine-up ) tab. , syp.

571 – Astemizol ( histaminal , histazole ) tab. , syp ...

- 572 - Chlorphenoxamine ( allergex ) tab. & syp..
- 573 – Promethazine ( phenergan , promantine ) syp..
- 574 – mequitazine ( meki ah , prima , primalan ) tab. & syp...
- 575 – Hydroxyzine HCl ( atarax ) tab...
- 576 – Clemasetine ( hista top , tavegyl ) tab. , syp . , injection ..
- 577 – Cyproheptadine ( triactin ) tab. , syp ... 4 mg 3-4 times daily , usual range 4-20mg daily, max, 32 mg daily .... Child, under 2 years not recommended.. child, 2-6 years, 2 mg 2-3 times d. max.16 mg ..
- 578 – Dimethindene ( fenistil ) tab. & syp
- 579 - dimethindene + Phenylephrine ( vibrocil) nasal gel , drops & spray ..
- 580 – Terfenadine ( allergist , histadin , histalert , histaphar , servinadine , terfine , triludan ) tab. & susp ... Adult and children over 5 kgm, 60 mg daily increased if necessary to 120 mg daily in single or 2 divided doses ..
- 581 – Ebastine ( astin , bastab , ebastel , evastine ) tab. & syp

### Drugs for influenza & common cold

ادويه لعلاج الانفلونزا و نزلات البرد

- 582 – Pseudoephedrine + triprolidine** ( Actifed , histarhine ) tab. & syp ..
- 583 - Pseudoephedrine + Paracetamol** ( adol sinus . cetaphed , sinutab ) cap . tab. ,
- 584 – Pseudoephedrine + Cetirizine** ( allercet , clearest , xinase ) cap..
- 585 – Pseudoephedrine + guaifenesine** ( bronex , Triaminic chest congestion ) oral drops , syp ..
- 586 – Pseudoephedrine + ibuprofen** ( brufen flu , dolo-d , farex , marcofen flu , power caps ) tab. , susp , & cap ..
- 587 - Pseudoephedrine + loratidine** ( clarinase , decongress L , loratin d , mosedin plus ) tab. , & cap..
- 588 – Pseudoephedrine + Terfenadine** ( decodeine ) tab..

**590 - Pseudoephedrine** ( decongress , mini pseudo , sudophine ) tab. , cap. , & syp ..

**591 - Pseudoephedrine + brompheniramine** ( Dimetapp ) syp..

**592 – Norpseudoephedrine** ( mirapro ) cap ..

**593 – Pseudoephedrine + chlorpheniramine** ( rhinogesic , Triaminic cold & allergy ) syp ..

**594 – Pseudoephedrine + carbinoxamine** ( rhinopro , rhinostop ) oral drops , & syp ..

**595 – Pseudoephedrine + acrivastine** ( Sempra guid ) cap ..

**596 – Pseudoephedrine + dextromethorphan** ( Triaminic cough ) syp ...

**597 – Phenylephrine + chlorpheniramine** ( pararhinol , sine-up ) tab. , syp..

**598 – Phenylephrine + carbinoxamine** ( rhinopro ) cap . , syp ..

**599 - Phenylephrine + dimethinidene** ( vibrocile ) nasal gel , drops , & nasal spray ..

**600 – Doxylamine** ( adwisomn , donormyl ) tab. & cap

**601 – Diphenhydramine** ( aveomarine , specodryl , sultan ) tab. , cap. & lotion

**602 – Diphenhydramine + ammonium chloride** ( benalex , isilin ) syp ..

**603 – Diphenhydramine + Menthol** ( benylin paed. ) syp ..

**604 – Diphenhydramine + codeine** ( broncholase ) cap ..

## Sulpha drugs

مضادات حيويه ( السلفا )

**605 – Sulphamethoxazole + Trimethoprim : Co-trimoxazole** ( chemotrim , cotril , ethaprim , septazole , septrin , sutaprim , sutrim ) tab. , & susp ... dose : by mouth, 960 mg every 12 hrs , hild. 6 weeks-5 monthes, 120 mg 6 monthes - 5 years,240 mg, 6-12 years, 480 mg ...

606 – Trimethoprim .... Doses : acute infections, 200 mg every 12 hrs, child. Every 12 hrs, 6 months - 5 years 50 mg, 6-12 years 100 mg, chronic infections, and prophylaxis, 100 mg at night ..

607 – Trimethoprim + phenazopyridine ( carmurit-t ) tab

608 – Trimethoprim + sulphamoxole ( entrim , supristol ) tab. , & syp..

609 – Trimethoprim + Erythromycin ( erythroprim , marcoprim , primomycin ) tab. & susp..

610 – Trimethoprim + sulphametrole ( lidaprim forte ) tab. & susp ..

## Penicillin groups

### مجموعه البنسلين

611 – Benzylpenicillin : Benzathine penicillin G ( depo-pen , durapen S , lastipen , penadur , pencitard , penicid , retarpen ) injection ..... indications : Throat infections , Otitis media , streptococcal endocarditis , meningococcal meningitis , pneumonia , anthrax , Prophylaxis in limb amputation ..... dose : By ( IM ) or ( IV ) injection or by infusion , 2.4-4.8 gm daily in 4 divided doses, increased if necessary in serious infections .... Premature infante & neonates , 50 mg/kgm daily in 2 divided doses child. 1 month-12 years , 100mg/kg daily in 4 divided doses ..

For Bacterial endocarditis , by slow ( IV ) injection or infusion 7.2 mg/kg in 6 divided doses..... For Meningococcal disease , by slow IV--injection or infusion, 2.4 gm every 4 hrs , Premature infante & neonates , 100 mg/kg daily in 2 divided doses. inf. 1-4 weeks, 150mg/ kg daily in 3 divided doses , Child. 1 month - 12 years 180 -300mg/kg in 4-6 divided doses..

612 - Phenoxymethyl penicillin ( cliacil , ospen , v-pen ) tab. & susp ..... Indication : Tonsillitis , Otitis media , Rheumatic fever , pneumococcal infection prophylaxis ... Dose : 400 mg every 6 hrs increased up to 1 gm every 6 hrs in sever infections .. Child. Every 6 hrs, up to 1years , 62.5 mg, 1-5 years 125 mg, 6- 12 years 250 mg ..

613 –Amoxicillin + Flucloxacillin ( amflux , amoflux , amofluxin , combifloxin , famox , floxamo , flucamox , flumox , flumocin , hi-flucil ) cap. , susp . & injection ..... Indications : infections due to beta-lactamase producing staphylococci including otitis externa , Adjuncts in pneumonia, impetigo, cellulitis, osteomyelitis & in staphylococcal endocarditis ... Dose : By mouth, 250-500 mg every 6 hrs, at least 30 minutes before food . Child. Under 2 years , quarter adult dose, 2-10 years , half adult dose ... by ( IM ) injection, 250-500 mg every 6 hrs, child. Under 2 years 1/4 adult dose. 2-10 years

1/2 adult dose ... By slow ( IV ) infusion or slow inj. 0.25-2 gm every 6 hrs, child. under 2 years 1/4 adult dose, 2-10 years 1/2 adult dose ...

**614 - Amoxicillin + Clavulanic acid** ( amoxilanic , augmacillin , augmentin , clavimox , clavucin , curam , deltaclav , e-moxclav , hibiotic , klavox , magnabiotic , megamox , new-clav , ultramox ) tab. , susp , injection , oral drops .... Indications : infections due to beta-lactamase - producing strains ( where amoxicillin alone not appropriate including : Respiratory-tract infections , Genito-urinary tract infections , Abdominal infections , Cellulitis, animal bites, sever dental infection with spreading cellulitis ...

Dose : By mouth, expressed as amoxicillin, 250 mg every 8 hrs, dose doubled in sever infections. Child. Under 6 years ( 125/31 sf ) suspension. Child. 6-12 years ( 250/62 sf ) suspension used twice d . . Severe dental infections: Is not the first line for the treatment, expressed as amoxicillin, 250 mg every 8 hrs for 5 days ... By ( IV ) injection, over 3-4 minutes or by ( IV ) infusion, expressed as amoxicillin, 1 gm every 8 hrs increased to 1 gm every 6 hrs in more serious infections. Infants up to 3 monthes, 25 mg/kgm every 8 hrs (every 12 hrs in premature infants). Child. 3 months - 12 years, 25 mg/kg every 8 hrs increased to 25 mg/kgm every 6 hrs in more serious infections ...

## Cephalosporins

### مجموعه السيفالوسبورين ( مضاد حيوى )

The cephalosporins are broad-spectrum antibiotics which are used for the treatment of septicaemia, pneumonea, meningitis, biliary-tract infections, peritonitis, and urinary-tract infections ..

مضاد حيوى واسع المجال يستعمل فى حالات تلوث الدم ، التهاب خلايا المخ ( السحائى ) ، عدوى القناة المراريه و المجارى البولييه و و الخ ...

**615 – Cefaclor** ( bacticlor , ceclor , cloracef , serviclor ) tab. , cap. & susp ..... for infections due to sensetive gram- positive and gram-negative bacteria ....

Dose : 250 mg every 8 hrs, doubled for severe infections, max. 4 gm d ... Child.

Over 1 month, 20 mg/kg d. in 3 divided doses, doubled for severe infections, max. 1 gm d. in 3 divided doses .... 1-5 years, 125 mg 3 times daily , over 5 years, 250 mg 3 T.D , ( doubled the dose for sever infections ) ..

**616 – Cefalexin** ( ceflodix , cephalexcid , cephalixin , cephalex , cephoxin , ceporex , gramocef , ibilex , keflex , neocef , ospexin , respicef ) tab. , cap . & syp

.....

Dose : 250 mg every 6 hrs or 500 mg every 8-12 hrs increased to 1- 1.5 gm every 6-8 hrs for severe infections .... Child, 25 mg/kg daily in divided doses, doubled for severe infections, max.100 mg/kg daily. Or under 1 years 125 mg every 12 hrs ..... 1-5 years 125 mg every 8 hrs 6-12 years, 250 mg every 8 hrs .... Prophylaxis of recurrent urinary tract infection, adult 125 mg at night ..

**617 – Cefotaxime** ( cefaxim , cefomax , ceforan , cefotax , claforan , foxime , hebitaxime , itotaxime , rametax , xorine ) injection ....

Indications : See under cefaclor and notes above, also, surgical prophylaxis , prophylaxis of meningococcal coccal meningitis ..

Dose : By ( IM ) or ( IV ) injection or infusion , 1 gm every 12 hrs increased in severe infections ( e.g meningitis ) to 8 gm daily in 4 divided doses Higher dose ( up to 12 gm D. ) in 3-4 divided doses may be required ..... Neonate, 50-200 mg/kg daily in severe infections, child. 100 - 200 mg/kg daily in 2-4 divided doses increased up to 200 mg/kg daily in very severe infections .... For Gonorrhoea, 500 mg as a single dose ..... Bacterial meningitis , cefotaxime is used as a single dose ( Iv ) or ( IM )inj. Before transfer the patients to hospital , Adult and child. Over 12 years : those patients take 1 gm , Child. Under 12 years: 50mg/kg ...

618 – Cefadroxil ( biodroxil , cefaxoral , cefex , cephadrol , curisafe , duricef , ibidroxil , longicef , roxil ) tab. M susp . & cap .....

Dose : Patients over 40 kg, 0.5-1 gm twice daily ..... skin and soft tissue, and simple urinary-tract infections, 1 gm d .... Child under 1 years, 250 mg/kg in divided doses .... 1-6 years, 250 mg twice daily , Over 6 years, 500 mg twice d .

619 – Ceftriaxone ( cefaxone , cefotrix , ceftriaxone , epicephin , kempoxone , longacef , oframax , rocephin , triaxon , wintriaxon ) injection ....

Indications : See under cefaclor and notes above, also, surgical prophylaxis , prophylaxis of meningococcal coccal meningitis ..

Dose : By deep ( IM ) injection or by (IV) injection over at least 2-4 minutes, or by ( IV ) infusion 1 gm daily, in severe infections 2-4 gm daily ... Neonates by ( IV ) infusion over 60 minutes, 20-50 mg/kg daily, max. 50mg/kg daily.

.....Uncomplicated gonorrhoea, by deep ( IM )injection, 250 mg as a single dose. Gonorrhoea, 1.5 gm as a single dose ... .. Surgical prophylaxis, by deep ( IM ) injection or by ( IV ) injection over at least 2-4 min. 1 gm at induction. Child usual dose 60 mg/kg daily (30-100 mg/kg daily) in 3-4 divided doses ..... Surgical prophylaxis, 1.5 gm by ( IV ) inj. 3 further doses ( 750 mg ) every 8 hrs may be used, ..... Meningitis, 3 gm ( Iv ) every 8 hrs, child. 240 mg/kg daily in 3-4 divided dose ..

620 – Cefixime ( betixim , cefabrum , cefime , cefixime , flavicef , hebixime , oracef , suprax , ximacef ) cap. , susp. .... Dose : Adult and children over 10 years, 200-400 mg daily in 1-2 divided doses , child over 6 month, 8 mg/kgm d. in 1-2 divided doses , 6 months - 1 years, 75 mg daily , 1-4 years 100 mg daily , 5 - 10 years 200 mg daily ...

621 – Cefpodoxime ( cefodox , cefoprox , cepodem , doxcef , orelox , podacef ) tab. & susp .... Dose : Upper-respiratory tract infections, (pharyngitis,& tonsillitis reserved for infections which are recurrent, chronic or resistant to other antibacterials ) 100 mg twice daily, 200 mg 2 times daily in sinusitis .... Lower respiratory-tract infections, (bronchitis, and pneumonia ) 100-200 mg twice daily ..... Skin and soft tissues infections , 200 mg twice daily ...

621 – Ceftazidime ( cefidime , cefzim , cetazim , fortum , kefadim , kembozedim ) injection ..... Dose : By deep ( IM ) inj. Or ( IV ) inj. or infusion , 1 gm evry 8 hrs or 2 gm every 12 hrs or 3 gm every 12 hrs in severe infections .... Urinary-tract and

less serious inf., 0.5 - 1 gm every 12 hrs ..... Pseudomonal lung infection in cystic fibrosis , Adult 100-150 mg/kg daily In 3 divided doses, child. Up to 150mg/kg daily ( max. 6 gm daily) in 3 divided doses, (IV) route recommended for children ..... Surgical prophylaxis prostatic surgery , 1 gm at induction of anaesthesia repeated if necessary when catheter removed ..

622 – cefoperazone ( cefazone , cefobid , cefoctam , cefozon , cefrazon , cefron , cefrone , cibaprazon , peracef , peractam , sulperazon ) injection ...

623 – Cefuroxim ( cefumax , ceroxim , hebiuroxim , highcef , keroxime , pancef , zenax , zinacef , zocef ) tab. , susp . & injection ... dose : By mouth, 250 mg twice daily in most infections including mild to moderate lower-respiratory-tract infections ( bronchitis ) , doubled for more severe lower-respiratory-tract infections or of pneumonia suspected urinary tract infections, 125 mg twice daily, doubled in pyelonephritis ..... Gonorrhoea, 1 gm as a single dose ..... in severe infection , By ( IM ) inj. Or ( IV ) inj. Or infusion, 750 mg every 6-8 hrs, 1.5 gm every 6-8 hrs ....

624 – cephadrine ( Cefadrin , cefadrine , cephrforte , cephramedin , farcocef , mepadrin , ultracef , velosef ) cap. , susp. & injection ...

625 - cefpirome ( cefrom ) injection ...

626 – cefepime ( cefepime , curafep , maxipime , pimfast , wincef ) injection ..

## Aminoglycosides

### مجموعه الامينوجليكوسيد ( مضاد حيوى )

These include amikacin, gentamicin, neomycin, netilmicin, streptomycin, and tobramycin. All are bactericidal and active against some gram-positive and many gram-negative organisms. Amikacin , gentamicin, and tobramycin are also active against pseudomonas aeruginosa. Streptomycin is active against mycobacterium tuberculosis ..

تأثير تلك المجموعه على البكتريا السالبة اكثر من الموجبه و يوجد منها الاستربتومايسين الذى يستعمل فى حاله الدرن

627 – Gentamicin ( apigent , cidomycin , epigent , garamycin , gentamycin , refobacin ) injection ... Indications : septicaemia & neonatal sepsis , Meningitis and other CNS infections , Biliary-tract infections , Acute pyelonephritis or prostatitis , Pneumonia in hospital patients , Adjuncts in listerial meningitis ..

Dose : By ( IM ) or slow (IV) injection , 3-5 mg/kg daily every 8 hours , Child up to 2 weeks, 3 mg/kg every 12 hrs, 2 weeks -12 years 2mg/kg every 8 hrs ....

Streptococcal or enterococcal endocarditis in combination with other drugs, 80 mg twice daily ...

628 - Neomycin sulphate ( neomycin ) tab .. By mouth, pre-operative bowel sterilization, 1gm every 4 hours , then 1gm every 4 hours for 2-3 days , Hepatic coma, up to 4 gm daily in divided doses, for max. 14 D ...



629 – Amikacin ( amikacin , amikin , epikacin ) injection .... Indications : Serious Gram-negative bacteria infections resistant to gentamicin ....By ( IM ) or slow ( IV ) injection , 15mg/kg daily in 2 divide doses increased to 2.5mg/kg daily in 3 divided doses in severe infection . max. 1.5 gm daily for up to 10 days ... , Child. , 15 mg/kg daily in 2 divide doses , Neonates , 10 mg/kg loading dose then 15, mg/kg daily in 2 divided doses ...

630 – Tobramycin ( nebcin , tobcin , tobra-alex , tobracin tobrin ) injection .... Has similar activity to gentamicin, it is slightly more active against Ps. Aeruginosa but shows less activity against certain other gram-negative bacteria ..... Dose : By ( IM ) or slow (IV) Injection or infusion, 3 mg/kg in divided doses every 8 hrs, in severe infections up to 5 mg/kg daily in divided doses every 6-8 hrs ... , Neonates 2mg/kg every 12 hrs ... , Child over 1 week 2-2.5 mg/kg every 8 hrs ... , Urinary-tract infections , 2-3 mg/kg daily as a single dose ..

631 – miocamycin ( miocamen ) tab. & susp ..

632 – kanamycin ( kanamycin ) injection ...

## Macrolides

### مجموعه الماكروليدز

633 – Erythromycin ( erythrin , erythrocin , erythromycin , erythroriv , ethrocin , macroprim ) tab. , susp & injection ..... Indications : Alternative to penicillin in hypersensitive patients : , Camylobacter enteritis , Pneumonia , Legionnaires disease , Syphilis , Non-gonococcal urethritis , Diphtheria & whooping cough , Acne vulgaris and rosacea ..

يستعمل بدلا من البنسلين في حالة الحساسية منه ، و يستخدم في حالات الدفتيريا و التهابات المثانة و المجارى البولية و السعال الحاد و حب الشباب و غيرها ...

Dose : By mouth, adult and child over 8 years, 250 - 500 mg every 6 hrs, Child. Up to 2 years, 125 mg every 6 hrs . Child. 2-8 years 250 mg every 6 hrs ...., Early syphilis , 500mg 4 times daily for 14 days , Uncomplicated genital chlamydia, and non-gonococcal urethritis, 500 mg 4 T. daily for 14 d. .. , By (IV) infusion, adult and child. , 50 mg/kg daily by continuous infusion or in divided doses every 6 hours (for severe infections) , Mild infections, 25 mg/kg daily , Neonates , 30-45 mg/kg daily in 3 divided doses ...

634 – Erythromycin + Trimethoprim ( erythroprim , macroprim , primomycin ) tab. , cap & susp ..

635 – Erythromycin + sulfisoxazole ( pediazole )

636 – Azithromycin ( azalid , azindamon , azithromin , aziwok , azomycin , azrolid , delzosin , epizithro , infectomycin , neozolid , unithrin , xerexomar , xithrone , zisrocine ) tab . & susp .... Indications : Respirator - tract infections , Otitis media , skin & soft-tissue infections , uncomplicated genital chlamydial infections and non-

gonococcal urethritis , Mild or moderate typhoid due to multiple-antibacterial-resistant organisms ...

Dose : 500 mg once daily for 3 days , child, over 6 months 10 mg/kg once daily for 3 days .... , uncomplicated genital chlamydial infections & non-gonococcal , 1 gm as a single dose .. , Typhoid, 500 mg once d. for 7 d ...

637 – Clarithromycin ( clarikan , clarimycin , clarithro , clarocin , klacid , klarimix , larithrocin , macromax ) tab. & susp ..... By mouth : 250 mg every 12 hrs for 7 days , increased in sever infections to 500 mg every 12 hrs for up to 14 days ... , Child., According to body weight under 8 kg 7.5 mg/kg twice daily. 8-11 kg 62.5 mg twice daily , 12-19 kg 125 mg twice daily, 20-29 kg 187.5 mg twice daily, 30-40 kg , 250 mg twice daily..

638 – Telithromycin ( ketek ) tab ..... Indications : Community-acquired pneumonia , Exacerbation of chronic bronchitis , sinusitis , Beta-haemolytic streptococcal pharyngitis , Tonsilitis when Beta-lactam antibiotics are inappropriate ..

Dose : 800 mg once daily for 5 days (for sinusitis & chronic bronchitis) or for 7-10 days in community- acquired pneumonia ..... , Child under 18 years safety & efficacy not established ..... , 800 mg once daily for 5 days for adult & child over 12 years ( Beta-haemolytic streptococcal pharyngitis or tonsillitis ) ..

639 – Spiramycin ( aspram , rovac , rovamycine , rovapex , spiracin , spiramycin , spirazole , spirex , unispira ) tab ... one tab. Twice daily ..

640 – Spiramycin + Metronidazole ( rodogyl , spirazole ) tab.. I tab. 2 times daily ..

## Clindamycin

مجموعه الكلينداميسين ( مضاد حيوى )

as only a limited use because of serious side effects. Its most side-effects is antibiotic - associated colitis which may be fatal and is most common in middle-aged and elderly women, especially following operation, so , patients should discontinue treatment immediately if diarrhoea develops (pseudomembranous colitis )

Clindamycin is active against Gram-positive cocci, including penicillin-resistant staphylococci and also against many anaerobes, especially Bacteroids fragillis , It is concentrated in bone and excreted in bile and urine, it is recommended for staphylococcal joint and bone infection such as osteomyelitis and intra-abdominal sepsis and endocarditis prophylaxis..

لذلك المجموعه استعمالات محدوده نظرا لآثارها الجانبية الشديده مثل ( الالتهاب المعوى التقرحى ) و تعالج الامراض الناتجه عن البكتيريا الموجبه و مقاومه للبنسلين و كذلك البكتيريا اللاهوائيه ( الباكثيريويد ) و يتركز تأثيرها على العظام و المفاصل و عضله القلب ....

641 – Clindamycin ( alfaclindamycin , chemocin , claudicin , clindacin , clindacyn , clindam , dalacin c , epciclind , mepaclind ) cap . & injection... Indications : Staphylococcal bone and joint infections , Peritonitis , Endocarditis prophylaxis ..... Dose : By mouth, 150–300 mg every 6 hours; up to 450 mg every 6 hours in severe infections; CHILD, 3–6 mg/kg every 6 hours ..., By deep intramuscular injection or by intravenous infusion, 0.6–2.7 g daily ...

642 – lincomycin ( lincobiotic , lincocin ) injections

## Quinolone group مجموعه الكوينولين ( مضاد حيوى )

643 – Ciprofloxacin ( bactiflox , cipprinol , cipro , ciproby , ciprocin , ciprofar , ciprofloxacin , cipromax , ciproquin , ciproxil-XL , mifoxin , rancif , serviflox , ultracipro , zonacip ) tab. , injection ...

يستعمل فى حالات عدوى الجهاز البولى التناسلى و الجهاز التنفسى ..

Dose : By mouth, Respiratory - tract Infections, 250 -750 mg twice daily ..., Urinary - tract infections, 250-500mg twice daily. (100mg 2 t.d. for 3 d. in acute uncomplicated cystitis in women .. ..., Chronic prostatitis, 500 mg twice daily for 28 days....., Gonorrhoea, 500 mg as a single dose....., Pseudomonal lower respiratory tract infection in cystic fibrosis, 750 mg twice daily, child. 5-17 years up to 20 mg/kg twice daily , max. 1.5 gm daily .....

By (IV) infusion , (over 30-60 min.) 400 mg over 60 minutes 200- 400mg twice daily Pseudomonal lower respiratory tract infection in cystic fibrosis, 400 mg twice daily, child, 5-17 years up to 10 mg/kg 3 T.d. max. 1.2 gm daily. .... Urinary-tract infections, 100 mg twice daily....., Gonorrhoea, 100 mg as a single dose. Child, 8-16 mg/kg daily in 2 divided doses ....., Anthrax, 500 mg twice daily, by mouth, child, 30 mg/kg daily in 2 divided doses ....., child, 20 mg/kg daily in 2 divided doses, max. 800 mg daily.

644 – Levofloxacin ( alfacef , floxbact , kevork , larivex , lee-flox , levanic , levoflox , levoxin , mepafloxin , monosho , targofloxin , tavacin , tavanic , tavoniflox , unibiotic , venaxan ) tab. & injection ....

Dose : By mouth , Acute sinusitis, 500 mg daily for 10-14 days ... , Chronic bronchitis, 250-500 mg daily for 7-10 days ... , Community aquired pneumonia, 500 mg once or twice daily for 7-14 days ... , Urinary- tract infection, 250 mg daily for 7-10 days ....., Skin and soft tissue infections , 250-500 mg daily 1-2 T.D ..... By ( IV ) infusion , Over at least 60 minutes for 500 mg ....., Community- aquired pneumonia , 500 mg once or twice daily .... , Complicated urinary-tract infection, 250 mg daily, increased in severe infections .... , Skin and soft tissue infections , 500 mg twice daily ...

645 – Moxifloxacin ( advancib , avalox , fluoroquinomox , gastamoxacin , idelox , moflox , mograflox , moxacin , moxavidex , moxiflox , moxitrix , raspelocin ) tab.....400mg 2 times daily ..

646 – Norfloxacin ( epinor , neofloxin , noracin , norbactin , noroxin , spectrama ) tab .... Urinary-tract infections,400 mg twice daily for 7-10 days .... , Chronic urinary-tract infections , 400 mg twice daily for up to 12 weeks, may be reduced to 400 mg once daily if adequate suppression within first 4 weeks ...

647 - Norfloxacin + Tinidazole ( norfloxacin-TZ , tinifol plus , conaz ) tab ..1 tab. twice daily

648 – Ofloxacin ( cemi-flox , epicoflocin , floxavid , healthbact , kiroll , oflicin , ofloguide , ofloxacin , ofloxin , tariflox , tarivan , tarivid ) tab .....  
Dose : By mouth , urinary-tract infections , 200-400 mg in the morning, increased in upper-respiratory tract infections to 400 mg twice daily ..... , Skin and soft-tissue infections , 400 mg twice daily ..... , Chronic bronchitis, 200 mg twice daily for 28 days ..... , Uncomplicated gonorrhoe, 400 mg as a single dose ...., uncomplicated genital chlamydial infections, non-gonococcal urethritis, 400 mg daily in a single or divided doses for 7 days...

649 – sparfloxacin ( parox , spara , sparatec , sparcin ) tab ..

650 – gatifloxacin ( floxin , gaticin , gatigrand , gatilox , gatipram , idiquin , pharmagatin , tequin ) tab. & injection ...

## Tetracyclines

### مجموعه التتراسيكلين

The tetracyclines are broad-spectrum antibiotics whose value has decreased owing to increasing bacterial resistance. They remain, however, the treatment of choice for infections caused by chlamydial ( trachoma, salpingitis, urethritis, and lymphogranuloma venereum ), rickettsia (including ( including Q-fever ), brucella (doxycycline with either streptomycin or rifampicin) & spirochaete , borrelia ....

مضادات حيوية واسعة المجال ، و لكن تم تحديد استعمالها نظرا لا تساع مقاومه البكتيريا لها ولكن مازالت تستعمل و تفضل في حالات الكلاميديا و الريكيتسيا و البروسيلا و الاسبيروكييتس ...

651 – Tetracycline ( hostacyclin , micycline , tetracid , tetracycline ) cap. & tab. .... By mouth, 250 mg every 6 hrs increased in sever infections to 500 mg evry 6-8 hrs... , Non- gonococcal urethritis, 500 mg every 6 hrs for 7-14 d. ( 21 days if failure or relapse after first course ....

652 – Doxycycline ( doxy mr , doxycast , doxycycline , doxymycin , farcodoxin , granudoxy , tabocin , tolexine , vibramycin ) cap... indications : -Chronic prostatitis , Sinusitis , Syphilis , Pelvic inflammatory disease , Treatment and prophylaxis of anthrax ( not indicated yet ) , Acne vulgaris .....

Dose : 200 mg in first day, then 100 mg daily, severe infections (including refractory urinary- tract infections ) 200 mg daily.... , Early syphilis , 100 mg twice daily for 14 days latent syphilis, 200 mg twice daily for 28 days....., Uncomplicated genital chlamydia Non - gonococcal urethritis , 100 mg twice daily for 7 days ( 14 days in pelvic inflammatory disease ) ...., Anthrax , 100 mg twice daily, child. (only if alternative antibacterial cannot be given), 5 mg/kg daily in 2 divided doses, max. 200mg d...

653 – Doxycycline + Ambroxol ( ambroxol , doxy plus , mucocycline ) cap....

654 – Minocycline ( minocin , minocycline ) tab. & cap ... indications include Meningococcal carrier state , Acne vulgaris ..... 100 mg twice daily for acne ... , Prophylaxis of asymptomatic meningococcal carrier state ( but no longer recommended ) , 100 mg twice daily for 5 days usually followed by rifampicin ..

## Chloramphenicol مجموعه الكلورامفينيكول

Is a potent broad-spectrum antibiotic, however, it is associated with serious haematological side-effects when given systemically and should therefore be reserved for life-threatening infections, typhoid fever, H- influenza ...

مضادات حيوية يقتصر استعمالها في الحالات الخطيرة التي تهدد حياة الإنسان مثل الحمى التيفية و الانفلونزا  
انتش ....

655 – Chloramphenicol ( chloramphenicol , chlorocetin , levocol , chlorocetin , mphenicol ) cap.syp. , supp. , & injection ..... By mouth, ( IV ) inj. Or infusion mg/kg daily in 4 divided doses can be doubled for severe infections such as •• septicaemia & meningitis, providing high doses reduced as soon as clinically indicated....., Child, haemophilus epiglottitis & pyogenic meningitis, 50-100 mg/ kg daily in divided doses...

## Drugs used for tuberculosis ادوية لمعالجة السل الرئوي ( الدرن )

656 – Rifampicin ( rifactine , rifadin , rifam , rifampicin , rifampin , rifamycin , rifocin , rimactane ) cap. & syp .... Brucellosis, legionnaires disease, and serious staphylococcal infections, in combination with other drugs, by mouth or by (IV) infusion, 0.6-1.2 gm daily ( in 2- 4 divided doses )..... ,

for tuberculosis , Recommended dosage for standard unsupervised 6 month treatment : rifampicin, isoniazid, and pyrazinamide ) for 2 month initial phase only..... Adult under 40 kg 3 tab daily, 40-49 kg 4 tab. Daily, 50-64 kg 5 tab. Daily, over 65 kg 6 tab. D .. , Ethambutol ( for 2 month initial phase only ) adult and child. 15 mg/kg daily....., rifampicin and isoniazid ) for 4 months continuation phase following initial

treatment , adult under 50 kg 3 tab. Daily of rimactazid-150 , 50 kg and over, 2 tab. Daily ..

657 - Rifampicin + Isoniazid ( isorifa , rifam plus , rifazid , rimactazide , riozid ) tab. & cap ...

658 – Isoniazid ( isocid , t.b.zide , isoniazide ) tab. & syp ... used for Tuberculosis in combination with other drugs ..

659 – Pyrazinamide ( p.t.b , pyrazide , pyrazinamide ) indicatd for Tuberculosis in combination with other drugs ...

660 - Ethambutol hydrochloride ( t.b.tol ) tab... indicatd for Tuberculosis in combination with other drugs ...

661 – Dapsone ( dapsone ) tab.. indicated for Leprosy, dermatitis, herpetiformis pneumocystis-carinii pneumonia .....1-2 mg/kg daily

### Anti-viral drugs ادويه مضاده للفيروسات

The majority of virus infections resolve spontaneously in immunocompetent subjects  
معظم حالات العدوى الفيروسية يتم شفاؤها ذاتيا دون اللجوء للأدوية معتمده على المناعه الطبيعيه للجسم

662 – Acyclovir ( aciclover , acivirax , acyclostad , acyclovir , cycloviral , lovir , novirus , supraviran ) ..... tab. & injectin .... Indications : Herpes simplex , Varicella-zoster ...

يستعمل فى حالات العدوى بفيرس الهربس البسيط و المعقد ( زoster ) الذى يصيب الجهاز العصبى ( و الجهاز التناسلى

Dose : By mouth , Herpes simplex treatment, 200 mg ( 400 mg in the immunocompromised or if absorption impaired ) 5 times daily, usually for 5 days , child under 2 years, 1/2 adult dose, over 2 years, give adult dose ..... By (iv) infusion , Treatment of herpes simplex in the immunocompromised, severe initial genital herpes, & varicella-zoster, 5mg/kg every 8 hrs usually for 5 days, doubled to 10 mg/kg every 8 hrs in varicella zoster usually for 10 days especially in the immunocompromised & in simplex encephalitis ....

663 – Valcyclovir ( valtrex , valtrovir , viroclear ) tab. , cap. , injection .... Indications : Treatment of herpes-zoster , Acute genital herpes simplex , Suppression of recurrent genital herpes ....

Dose : Herpes - zoster, 250 mg 3 t. d. for 7 d. or 750 mg once daily for 7 d. (in immunocompromised 500 mg 3 times daily for 10 d ..... , Genital herpes, first days (in ° episode 250 mg 3 t.d. for 5 d., recurrent infection, 125 mg twice daily for immunocompromised all episodes, 500 mg twice daily for 7 days ... children not recommended ....

664 – Zidovudine ( lamizidine , zidin ) tab. .... Indications : HIV infection in combination with other antiretroviral drugs , For prevention of maternal- fetal HIV transmission ... dose : 750 mcg every 8 hours , Child under 13 years safety and efficacy not established ..

665 – Oseltamivir ( taminil-n ) cap. , susp ... Indications : Treatment & prophylaxis of Influenza..... Dose : Adults and Adolescents , The recommended oral dose 75 mg twice d for 5 days , Treatment should begin within 2 days of onset of symptoms of influenza ....., is not indicated for treatment of influenza In pediatric patients younger than 1 year , oral suspension for pediatric patients 1 year & older or adult patients who cannot swallow a capsule is < 15 kg 30mg twic daily , 15-30 kg 45 mg twice daily , 23-40 kg 60mg twice daily , > 45 mg 75mg twice daily...

يستعمل في حالة الاصابه الفيروسيه والوقايه من الانفلونزا و خاصه انفلونزا الطيور ..

666 – Famciclovir ( eaclovir , famvir , propencivir ) tab .... Indications : Treatment of herpes-zoster , Acute genital herpes simplex , Suppression of recurrent genital herpes ... Dose : Herpes - zoster, 250 mg 3 t. d. for 7 d. or 750 mg once daily for 7 d. (in immunocompromised 500 mg 3 times daily for 10 d .... , Genital herpes, first episode , 250 mg 3 t.d. for 5 d., recurrent infection, 125 mg twice daily for 5 days (in immunocompromised ) all episodes, 500 mg twice daily for 7 days , Child not recommended ...

يستعمل في حالات الاصابه بالهربس سواء في الجلد او الجهاز التناسلي

667 – Tromantadine ( viru-merz ) gel ..

668 – Amantadine ( adamine , amantadine , amantine , infex , pk-merz , viraflu ) tab. & cap ...is used for prophylaxis & treatment of influenza A , used by mouth for herpes zoster, but its effectiveness has not been established..

669 – ganciclovir ( cymevene ) injection ..

670 – Lamivudine ( lamidine , lamizidine , zeffix ) tab ...Is used in the initial treatment of chronic hepatitis B , in patients infected with HIV and hepatitis B, lamivudine should be given only as a part of combination antiretroviral therapy and in a dose appropriate for treating HIV, the use of lamivudine alone is likely to result in lamivudine-resistant HIV ..

يستعمل في حالات التهاب الكبدى الوبائى

680 – Adefovir ( fodavir , hepsera ) tab .... Is used for the treatment of chronic hepatitis B. It is effective in lamivudine-resistant chronic hepatitis B .

681 – Interferon ( alfaron , betaferon , egyferon , green-alpha , intefen , interon a , natuferon , pegasys , peg-intron , rebif , reiferon , roferon ) injection ... may be used in the treatment of chronic hepatitis c if ribavirin is not tolerated or is contra-indicated, but monotherapy is less effective and relapse is more common ...

682 – Ribavirin ( hepatovirin , panvirin , riba , ribavirin , ribazole , ribovinal , viracure , virazole , virin , virokan ) cap. , & syp .... Ribavirin and interferon alfa for hepatitis C should be used for the treatment of moderate to severe hepatitis in patients

aged over 18 years who have : Not previously been treated with combination therapy ,  
Previously responded to interferon alfa monotherapy, but have since relapse ..

## Systemic anti-fungal drugs

ادويه العدوى الفطريه

683 – Metronidazole ( amrizole , dumozol , entophar , farcozol , flagellat forte ,  
flgicure , flagyl , flazol , gedazole ,klion d , metron , metronal , metrozol , metrozole ,  
rosagel , trichogel , trichogyl ) tab. Vag. Tab . susp. , injection ....

Dose : Anaerobic infections : usually treated for 7 days and for 10 days in antibiotic-associated- colitis by mouth, either 800 mg initially then 400 mg every 8 hours or 500 mg every 8 hours . Child, 7.5 mg/kg every 8 hrs. by rectum, 1 gm every 8 hrs for 3 days, then 1 gm every 12 hrs. age up to 1 year 125 mg, 1-5 years 250 mg, ( Iv ) infusion over 20 minutes 500 mg every 8 hrs , child 7.5 mg/kg every 8 hrs ..... , Bacterial vaginosis : by mouth, 400-500 mg twice daily for 5-7 days or 2 gm as a single dose ..... , Pelvic inflammatory disease, by mouth, 400 mg twice d. for 14 days ..... , Acute ulcerative gingivitis , by mouth, 200-250 mg every 8 hrs for 3 days, child 1-3 years 50 mg every 8 hrs for 3 days, 3-7 years 100 mg every 12 hrs, 7-10 years 100 mg every 8 hrs ..... , Acute dental infections, by mouth, 200 mg every 8 hrs for 3-7 days ..... ,  
Surgical prophylaxis , by mouth, 400-500 mg 2 hrs before surgery, up to 3 further doses of 400-500 mg every 8 hrs for high-risk procedures ..

يستعمل فى حالات عدوى البكتيريا اللاهوائيه و خاصه الالتهابات المعويه المتقيحه ، و التهابات الحوض ، و التهابات اللثة و الفم و السنان و للوقايه اثناء العمليات الجراحيه

684 – Metronidazole + diloxanide furoate ( dilozol , dimetrol , flagimide ,  
furamebe , furazole ,

685 – Metronidazole + Amoxicillin ( helicocin ) tab...

686 – Metronidazole + Neomycin ( neoenterocin forte ) tab..

687 - Metronidazole + Nystatin ( nystazole ) vaginal tab .

688 - Metronidazole + Diodohydroxyquinoline ( paramib comp. ) tab..

689 - Metronidazole + Spiramycin ( rodogyl , spirazole ) tab..

690 – Tinidazole ( fasigyn , protozol ) tab... Indications : Anaerobic infections , Protozoal infections , Helicobacter pylori eradication .... Dose : Anaerobic infections , By mouth, 2 gm initially, followed by 1 gm daily or 500 mg twice d. usually for 5-6 days . ..... , Bacterial vaginosis and acute ulcerative gingivitis, a single 2- gm dose ..... , Abdominal surgical prophylaxis a single 2-gm dose 12 hrs before surgery ...



691 – Tinidazole + norfloxacin ( conaz , enterolok , norfloxacin tz , tinidol plus )  
tab ...

692 – Amphotericin B ( ambisome , photericin ) tab . & injection ..... By mouth ,  
intestinal candidiasis, 100 -200 mg every 6 hours, infant & child 100 mg 4 times  
daily. Prophylaxis neonate 100 mg once daily ..... , By ( Iv ) infusions , systemic  
fungal infection, initial test dose of 1 mg over 20- 30 minute, then 250 mcg/kg  
daily gradually increased to 1 mg/kg daily if needed , max. 1.5 mg/kg daily or on  
alternate days ...

693 – Fluconazole ( alkanazole , diflucan , flocazole , flucand , flucoral , fungican ,  
trefflucan , triconal ) cap . & syp . .... , used in ttt of oropharyngeal, esophageal  
and vaginal candidiasis; cryptococcal meningitis; candida urinary tract infection;  
peritonitis; systemic candida infections .....

Dose :

- Vaginal candidiasis and candidal balanitis, by mouth a single dose of 150 mg ...
- Mucosal candidiasis ( except genital ) , by mouth, 50 mg d., 100 mg daily in  
difficult infection given for 7-14 days in oropharyngeal candidiasis ( max. 14 d.)
- Tinea pedis, corporis, cruris , pityriasis versicolor, & dermal candidiasis , by  
mouth, 50 mg daily for 2-4 weeks (for up to 6 weeks in tinea pedis ) ...

يستعمل في حالات التهابات الفم الفطرية للغشاء المخاطي ( كانديدا و المونيليزيس ) و كذلك التهابات الفطرية  
الرحمية ..

694 – Ketoconazole ( curazole , fungizole , ketozole , kizol , nizo-arm , nizoral )  
tab Indications : systemic mycosis , serious chronic resistant mucocous candidiasis ,  
Serious resist. GIT-mycoses , chronic resistant vaginal candidiasis , Resistant  
dermatophyte infections of skin or finger or nails ( not toe nails ) , Prophylaxis of  
mycosis in immunosuppressed patients....

Dose : 200 mg once daily with food , usually for 14 days, if response inadequate  
continue until at least 1week after symptoms have cleared, max. 400 mg once d....  
Elderly max. dose, 200 mg d..... Child, 3mg/kg daily.... Chronic resistant vaginal  
candidiasis , 400mg once daily for 5 days...

695 – Itraconazole ( apozole , itracon , itrafungex , itranox , itrapex , sporanox )  
cap ....

Dose :

- Oropharyngeal candidiasis, 100 mg daily ( 200 mg daily in AIDS Or neutropenia )  
for 15 days...
- vaginal candidiasis, 200 mg twice daily for one day ...
- Pityriasis versicolor, 200 mg daily for 7 days ..
- Tinea corporis and tinea cruris , either 100 mg daily for 15 days or 200 mg daily  
for 7 days ...
- Tinea pedis and tinea manuum , either 100 mg daily for 30 days or 200 mg twice  
daily for 7 d..

696 – Griseofulvin ( fulvin , griseovin , ultrafulvin , ultragriseofulvin ) tab. & susp  
... Indications : Dermatophyte infections of skin , scalp, hair and nails where topical  
therapy is inappropriate ... Dose : 500 mg daily in divided doses , or in a single

dose. In severe infections, dose may be doubled reducing when response occurs, Child, 10mg/kg daily in divided doses, or in a single dose ...

697 – Terbinafine ( fungisafe , fungistat , lamisil , terbin , tersil ) tab...

698 - sertaconazole ( amebazol , cipazole fort , eurozole , fladazole , flagentyl , opinidazole , secinda-misr , secnidazole , senidal ) tab. & susp .... 2 gm daily for 3 days ...

## Anti-malarial drugs & Toxoplasmosis

### ادويه لعلاج الملاريا و التوكسوبلازما

699 – chloroquine ( alexoquine , chlodiquire , chloroquin , cidoquine , gedoquine , hydroquine , malarquine , plaquenil ) tab. & syp..... Indications : Chemoprophylaxis & treatment of malaria , Rheumatoid arthritis , Lupus erythematosus ..... Children dosage: chloroquine initial dose of 10 mg/kg then a single dose of 5 mg/kg after 6-8 hrs then a single dose of 5 mg/kg daily for 2 days. For a radical cure, children are then given primaquine in a dose of 250 mcg/kg daily ...

700 – Pyrimethamine ( daraprim , nu-mal , pyrimethamine ) tab ..... Indication : Falciparum malaria , Nocturnal leg cramps , Toxoplasmosis .....

- For ttt of Toxoplasmosis , The adult starting dose is 50 to 75mg of the drug daily, together with 1 to 4 g daily of sulfadoxime continued for 1 to 3 weeks ..., The pediatric dose of daraprim is 1 mg/kg/day divided into 2 equal daily doses; after 2 to 4 d.

- For ttt of Acute Malaria , Daraprim not recommended alone in the ttt of acute malaria , 25 mg daily for 2 days with a sulfonamide will initiate transmission control and suppression of falciparum malaria ...

## Drugs for worms & Anti-helmentic drugs

### ادويه للتخلص من الديدان

701 – Mebendazole ( anthelmin , antiver , mebamox , pentamin , permax , verm 1 , vermin ) tab. & syp .... Indications : threadworm, roundworm, whipworm, & hookworm infections ..... Threadworm , Adult and child over 2 years , 100 mg as a single dose, if reinfection occurs, second dose may be need after 2-3 weeks child under 2 years not recommended ....., Whipworm , Adult and child over 2 years , 100 twice daily for 3 days .... , Roundworm , 100 mg twice daily for 3 days ... , Hookworm , 100 mg twice daily for 3 days ....

702 – Niclosamide ( niclosan , yomesan ) tab .... Is the most widely used drug for tapeworm ..... It is a chewable tablet taken orally, dosage depending on type of worm and patient's age and /or weight ...

703 – Albendazol ( alzentol , antizole , bendax , vermizol , zentel ) tab . & susp ....  
1 tab . twice daily for three days ...

704 – Levamisol ( katrex , levamisole , wormine ) tab . & syp ...infants , 1 tab.  
Daily .... , child. 2 tab. Daily ..... , adults , 3 tab. Daily , taken all together as  
chewable tab..

705 – Praziquantel ( belacid , bilharzia , bilharzid , bilharzine , biltricide , distocide  
, epiquantel , praziquantel , schistocide ) tab. & susp .... Indications : infections due to  
all species of schistosoma ..... The dose is 40mg/kg in 2 divided doses 4-6 hrs apart  
on one day ( 60 mg/kg in 3 divided doses on one day for S.japonicum infections ....

706 – commiphora molomol extract ( mirazid ) cap. ... used for schistosomiasis  
& fascioliasis ..... , two cap. Daily on an empty stomach, at least one hour before  
breakfast ...

## Sex hormones

### Male sex hormones

هرمونات الذكور

707 – Testosterone ( andriol , andromen , cidotestone , primotestone , testone ,  
triolandren ) cap .... , cause musculisation. They may be used as replacement  
therapy in castrated adults and in those who are hypogonadal due to either pituitary  
or testicular disease ..... , Dose : Replacement therapy can sometimes be obtained  
with 1 ml of Sustanon 250 given by IM inj. once a month although more frequent  
dose intervals are often necessary ...

708 – Mesterolone ( cidoviron , hormo-6 , provimist , proviron ) tab ..... , Dose :  
Androgen deficiency and male infertility associated with hypogonadism, 25 mg 3-4  
times daily for several months, reduced to 50-75 mg daily in divided doses for  
maintenance .. Child, not recommended ...

يستعمل في حالات العقم الناتج عن نقص هرمون الذكور بالجسم نتيجة خلل في الغدة النخامية و مرضى  
القسطره ...

## Anti-androgens

مضادات الذكور

709 - Cyproterone acetate ( androcure , cyproteone ) tab .... Is an anti-androgen  
used in the treatment of severe hypersexuality and sexual deviation in the also used  
as an adjunct in prostatic cancer and in the treatment of acne and hirsutism in women  
... يستخدم في حالات زياده و هياج الذكور لتقادي الانحراف الجنسي و كذلك لعلاج حب الشباب و ظهور  
الشعر في اماكن غير مستحبه في حاله السيدات ...

710 – Dutasteride ( avodart , sigdutaster ) cap ... is alternatives to alpha-blockers particularly in men with a significantly enlarged prostate. A low strength of finasteride is used in the treatment of male-pattern baldness in men ..... 500 mcg daily( may require 6 months before benefit is obtained ...

يستعمل لعلاج الصلع و كذلك امراض البروستاتا

711 – Finasteride ( fincare , nopecia , prohir , proscar , prostarelief, prostat , prostec , prostride ) ..... 5 mg daily, review treatment after 6 months ( may require several months treatment ) before benefit is obtained ..... ,

يستعمل لعلاج الصلع و كذلك امراض البروستاتا

## Female sex hormones

### هرمونات الانوثة

712 – Oestrogens ( primarin ) tab .... For menopausal symptoms & osteoprosis prophylaxis, (with prostogen for 12-14 days per cycle ) 0.625-1.25 mg daily .....

713 – Estradiol ( Estraderm , ethinyl estradiol , fem , folone , primogyn depot ) tab., Injection & patch ... . Indactions : treatment of hereditary haemorrhagic telangiectasia , HRT eherapy for menopausal symptoms .....1 patch to be applied twice weekly contiuously, with cyclical progestogen for 12 d. of each cycl. therapy should be initiated with TTS 50 for first month, supsequently adjusted to lowest effective dose ...

يستعمل فى حالات الاضطرابات و النزيف الرحمى الوراثى و هرمون استعاضى للسيدات فى سن اليأس

714 – Estradiol + Norethisterone ( activelle , estracombi , kliogest , mesigyna , mesocept , trisequens ) tab. , injection & patch ...

715 – Estradiol + Prasterone ( cidodiane depot )

716 – Estradiol + norgestimate ( cilest ) tab. contraceptive

717 – Estradiol + Cyproterone ( diane ) tab.. contraceptive & for acne of women..

718 – Estradiol + Gestodene ( gynera , minulet ) tab .. contraceptive

719 – Estradiol + Progesterone ( lutofolone , primosiston ) injection ... regulate menstrual cycle ..

720 – Estradiol + Desogestrel ( marvelon ) tab... contraceptive

721 – Estradiol + levonorgestrel ( trinordiol , triocept , microcept , microvlar , triovlar ) tab. Contraceptive

722 – Estradiol + Etonorgestrel ( nuvaring ) vaginal ring ..

729 – Estradiol + Testosterone ( primodian ) injection ..

730 – Estradiol + drospirenone ( yasmin ) tab ... contraceptive

731 – Progesterone ( cidolut depot , cyclogest , cyclotrone , hystrogest , lutone , progest , progesterone , progetrone , prontogest , utrocare , utrogestan ) cap. , Vap.supp & injection ..

Dose : By vagina or rectum, premenstrual syndrome and post-natal depression, 200 mg daily, for premenstrual syndrom start on day 12-14 and continue until onset of menstruation ( but not recommended )....., By deep Im injection into buttoch, dysfunctional uterine bleeding, 5-10 mg daily for 5-10 days until 2 days before expected onset of menstruation ..... , Recurrent miscarriage due to inadequate luteal phase ( but not recommended ) or following in vitro fertilisation or gamete intra-fallopain transfer , 25-100 mg 2-7 times a week from day 15, or day of embryo or gamete transfer, untill 8-16 weeks of pregnancy, max. 200mg daily ...

يستعمل فى علاج الاعراض التى تسبق دوره الشهرية و الاكتئاب المصاحب لما بعد الولادة ، و النزيف الرحمى غير الوظيفى ، و سقوط الحمل المتكرر ، و سهوله انتقال البويضه فى قناة فالوب ...

732 – Tibolone ( livial , tibolone ) tab ... combines oestrogenic and progestogenic activity with weak androgenic activity ..... , Indications : Short-term treatment of symptoms of oestrogen deficiency ( including women being treated with gonadotrophin releasing hormone analogues ) , osteoprosis prophylaxis in women at risk of fractures ..... , Dose : 2.5 mg daily ... 10-20 mcg daily ..

733 – Dydrogesterone ( Duphaston ) tab .... Indications : Endometriosis , Recurrent miscarriage , Dysfunctional uterine bleeding , Dysmenorrea , Premenstrual syndrome , HRT , .... 10 mg twice daily from day 5-25 for Endometriosis , Dysmenorrea , from day 10-25 for Recurrent miscarriage , Premenstrual syndrome , from day 5-7 for Dysfunctional uterine bleeding , from day 15 – 28 for HRT ...

734 – Medroxyprogesterone ( depo-proveira , farlital , megestron , oncoprovera , provera ) tab. & injection ..... By mouth, 2.5-10 mg daily beginning on day 16 to 21 of cycle repeated for 2 cycles in dysfunctional uterine bleeding and 3 cycles in 2 ry amenorrhoea ..... , Mild to moderate endometriosis , 10 mg 3 times daily for 90 consecutive days, beginning on day 1 of cycle .... , HRT: 10mg for the last 14 d. of cycl..

يستعمل فى حالات نزيف الرحم اللاوظيفى و التهابات جدار الرحم و تعويض نقص الهرمون فى سن اليأس , و انقطاع الطمث الثانوى

735 - Norethisterone ( cidolut nor , noricept , noristrat , primolut nor , steronate ) tab. & injection ..... Endometriosis, 10-15 mg daily for 4-6 months or longer , starting on day 5 of cycle ..... , Dysfunctional uterine bleeding, menorrhagia, 5 mg 3 times daily for 10 days to arrest bleeding , to prevent bleeding 5 mg twice daily from day 19 to 26 ..... , Premenstrual syndrome, 5 mg 2-3 times daily from day 19 to 26 for cycle ( but not recommened ) ..... , Progestogenic opposition of menopausal oestrogen HRT, 1 tab. Daily on days 15-26 of each 28 day oestrogen HRT cycle ...

يستعمل في حالات الألم المصاحب للدوره الشهريه و نزيف الرحم غير الوظيفي ، و التهاب بطانه الرحم و تعويض نقص الهرمون اثناء سن اليأس ..

736 – Norethisterone + Estradiol ( activelle , estracombi , kliogest , mesigyna , mesocept , trisequens ) tab . & patch .....

## Drugs used for reduction of ovulation

### Anti-oestrogens

ادويه تعاكس عمل الاستروجين

The anti-oestrogens clomifene and tamoxifen are used in the treatment of female infertility due to oligomenorrhoea or secondary amenorrhoea ...

يستعمل في حالات ضعف التبويض و انقطاع الطمث الثانوى

737 - Clomiphene citrate ( clomid , clomifert , clomiphene , clostilbegyt , ovugen ) tab ..... Indications : anovulatory infertility ..... Dose : 50 mg daily for 5 days, starting within 5 d. of the onset of menstruation preferably on 2nd d. ) or at any time ( normally preceded by progestogen-induced withdrawal bleed ) if cycles have ceased, second course of 100 mg d. for 5 days may be given in absence of ovulation, 3 courses should constitute adequate therapeutic trial ....

738 – tamoxifen ( apotamox , epicotam , nolvadex , tamofen , tamoxifen , tamoxin , zitazonium ) tab ..... Breast cancer , 20 mg daily substantially increases survival in early breast cancer , and that no further benefit has been demonstrated with higher doses...

## Anterior pituitary hormones

هرمونات الفص الامامى للغده النخاميه

739 – Tetracosactide ( cortrosyn depot , synacthen depot ) injections ..... Both corticotropin and tetracosactide were formerly used as alternatives to corticosteroids in conditions such as Crohn's disease or rheumatoid arthritis .....

يستعمل كبديل للكورتيزون فى حاله الروماتويد و التهابات القولون المتقيحه ...

740 - Chorionic gonadotrophin ( choragon , choriofactor , choriomon , chorionic , epifasi , pregnyl , profasi ) injection ..... used in the treatment infertility in women with proven hypopituitarism or who have not responded to clomifene, or in superovulation treatment for assisted conception ..... dose : By sc or im injection, according to patient response ....

يستعمل فى حالات العقم عند السيدات الاتى يعانون من نقص هرمونات الاخصاب من الغده النخاميه او لم يستجيبوا للعلاج عن طريق الكلوموفين .....

741 - Human menopausal Gonadotrophins ( amrigon , epigonal , humegon , menofactor , menogon , menogonal , menopause , meional ) injection ..... dose : By sc or im injection, according to patient response ....

742 - Follitropin alfa ( gonal-F , gonapure ) injection ..... Recombinant human follicle stimulating hormone ..... dose : By sc or im injection, according to patient

response ...doses range up to 300 IU per day depending on the individual patient response

#### 743 – Somatropin ( genotropin , humatrope , norditropin , somatropin ) injection

....

Dose :

- Gonadal dysgenesis ( turner syndrome ) , by sc injection, 45-50 mcg/kg daily .
- Deficiency of growth hormone in children, by sc or im injection, 23-39 mcg/kg daily.
- Prader - willi syndrome, by SC injection in children with growth velocity greater than 1 cm every year, in combination with energy-restricted diet, 35 mcg/kg daily ..
- Chronic renal insufficiency in children ( renal function decreased to less than 50 %, by SC inj.) 45-50 mcg/kg daily ...

يستعمل للأطفال الذين يعانون من قصر القامة

### Anti-gonadotrophins الادويه التى تعاكس هرمون ( ACTH )

744 - Danazol ( danazant , danazol , danol ) cap ... it combines androgenic activity with antioestrogenic and antiprogestogenic activity. It is used for the treatment of endometriosis and for the relief of severe pain and tenderness in benign fibrocystic breast disease where other measures have proved unsatisfactory. It may also be effective in the long-term management of hereditary angioedema ....

يستعمل فى حالات التهاب بطانة الرحم فى حاله عجز الوسائل الاخرى

Dose : By sc injection preferably into the upper leg ( rotate injection sites to prevent lipotrophy, 250 mcg in the morning (or each afternoon) starting on day 6 of ovarian stimulation with gonadotrophins, continue, throughout administration of gonadotrophins including day of ovulation induction (if administering in afternoon, give last dose in afternoon before ovulation induction) ..

### Posterior pituitary hormones هرمونات الفص الخلفى للغده النخاميه

755 – Desmopressin ( desmopressin , minirin , octostim ) tab. , injection & nasal spray ..... , is used in the treatment of pituitary (cranial) diabetes insipidus (ADH) , anti-diuretic hormone ..... , also used in the differential diagnosis of diabetes insipidus , ..... , started on doses of 0.05 mg (1/2 of the 0.1 mg tablet) two times a day and individually adjusted to their optimum therapeutic dose ..

يوقف تكرار ادرار البول الناتج عن نقص هرمون ديزموبريسين ...

756 – Terlipressin ( glypressin ) injection .... , Indications : Bleeding from oesophageal varices .....Dose : By IV inj. 2 mg followed by 1 or 2 mg every 4-6 hrs until bleeding is controlled, for up to 72 hrs ...

## Thyroid hormones

هرمونات الغدة الدرقية

Thyroid hormones are used in hypothyroidism ( myxoedema ), and also in diffuse non-toxic goiter, hashimoto thyroiditis ( lymphadenoid goitre ), and thyroid carcinoma , neonatal hypothyroidism requires prompt treatment for normal development ...

يستعمل في حالات نقص هرمون السيروتوكسين و في حالات تضخم الغدة الدرقية و ورم الغدة الدرقية السرطاني ... و للحفاظ على نمو طبيعي للأطفال ....

757 - Levothyroxine sodium ( euthyrox , T4 thyroid , thyroxine ) indications : Hypothyroidism ....

Dose : Initially 50 -100 mcg daily, preferably before breakfast, adjusted in steps of 50 mcg every 3-4 weeks until normal metabolism maintained ( usually 100 – 200 mcg d . ) ..... , Where there is cardiac disease initially 25 mcg daily, adjusted in steps of 25 mcg every 4 weeks ..... , Congenital hypothyroidism and juvenil myxoedema , Child up to 1 month initially 5-10 mcg/kg daily adjusted in steps of 25 mcg every 2-4 weeks until mild toxic symptoms appear then reduce dose slightly .....

## Antithyroid drugs

ادويه مضاده لهرمون السيروتوكسين

Antithyroid drugs are used for hyperthyroidism either to prepare patients for thyroidectomy or ong-term management. Carbimazole is the most commonly used drug. Propylthiouracil may be used in patients who suffer sensetivity reactions to carbimazole .

يستعمل لاعداد المريض لعملية استئصال الغدة ( يقلل حجمها ) او للعلاج ( تقليل افراز السيروتوكسين ) على المدى الطويل ...

758 – Carbimazole ( carbimazole ) tab .... Used for Hyperthyroidism ..... 15-40 mg daily, occasionally a larger dose may be required. This dose should be continued until the patient become euthyroid, usually after 4-8 weeks and the dose is then gradually reduced to a maintenance dose of 5-15 mg. Therapy is usually given for 12-18 months .. , Children may be given for carbimazole in an initial dose of 250 mcg/kg three times daily ...

759 – Propylthiouracil ( propylthiouracil , thyrocil ) tab ..... 200-400 mg daily in adults and this dose is maintained until the patient becomes euthyroid. The dose may then be gradually reduced to a maintenance dose of 50-150 daily..

760 – Propranolol ..... Is useful for rapid releif of thyrotoxic symptoms and may be used in conjunction with antithyroid drugs or as an adjunct to radioactive iodine. Beta-blockers are also useful in neonatal thyrotoxicosis and in supraventricular arrhythmias due to hyperthyroidism ...



761 – Iodine .. (Lugol solution, iodine 5%, KI 10% ) in purified water, freshly prepared ) .... Indicated for thyrotoxicosis ...Has been used as an adjunct to antithyroid drugs for 10-14 days before partial thyroidectomy ...

## Corticosteroids

762 – Prednisolone ( deltacortril , disprelone , hostacortin , solupred ) tab. & syp ..... , Suppression of inflammatory and allergic disorders , Inflammatory bowel disease , Asthma , Immunosuppression , rheumatic disease ..... , By mouth , Initially, up to ( 10-20 mg daily severe disease, up to 60mg d. ) preferably taken in the morning after breakfast, can often be reduced within a few days but may need to be continued for several weeks or months , Maintenance, usual range, 2.5-15 mg daily, but higher doses may be needed, cushingoid side effects increasingly likely with doses above 7.5 mg daily ...

763 – Methylprednisolone ( urbason ) tab ... Indications : Suppression of inflammatory and allergic disorders , Cerebral oedema , Rheumatic disease ..... dose : By mouth , Usual range, 2-40 mg daily ..... , By ( IM ) injection or slow ( IV ) injection, or infusion, initially 10-500 mg, graft rejection, up to 1 gm daily by ( IV ) infusion for up to 3 days ..

764 - Betamethasone ( betafos , betason , dexaglobe , diprocortin , diprofos ) tab . & amp ..... Indications : Suppression of inflammatory and allergic disorders , Congenital adrenal hyperplasia , Cerebral oedema ..... , By mouth , Usual rang 0.5-5 mg daily ..... , By ( IM ) injection, or slow ( IV ) or infusion , 4 -20 mg, repeated up to 4 times in 24 hrs, child, by slow (IV) inj. up to 1 year 1 mg, 1 - 5 years 2 mg, 6 - 12 years 4mg ...

765 – Hydrocortisone ( flibocortid , hydrocortisone , micort , solu-cortef ) tab. & inection ..... , By mouth, replacement therapy , 20-30 mg daily in divided doses, child 10-30 mg ..... , By ( IM ) injection or slow ( IV ) injection, 100-500 mg, 3-4 times in 24 hrs or as required ., child by slow ( IV ) injection , up to 1 year 25 mg, 1- 5 years 50 mg, 6-12 years 100 mg..

766 – Fludrocortisone ( adrecort , astonin-h , cortilon ) tab.....,

767 – Dexamethasone ( cebedrex , deltasone , dexamethasone , dexazone , dexionium , epidron , f-corten , oradexon , orazone ) tab. , syp. & injection ..... indicated for Suppression of inflammatory and allergic disorders , Diagnosis of Cushing disease , Congenital adrenal hyperplasia , Cerebral oedema , Nausea and vomiting with chemotherapy , Rheumatic disease ....

Dose : By mouth , Usual range, 0.5 - 10 mg daily , Child 10-100 mcg/kg daily ..... , By ( Im ) injection, or slow ( IV ) injection or infusion ( as dexmethasone phosphate ) , Initially 0.5-24 mg,child, 200-400 mcg/kg daily ..... , for Cerebral oedema ( as

dexamethasone phosphate ), By ( IV ) injection, 10 mg initially then 4mg by (IM) injection every 6 hrs as required for 2-4 days then gradually reduced and stopped over 5-7 days..

768 – Triamcinolone ( amcinol , kenacort ) injection ..... , Indications :  
Suppression of inflammatory and allergic disorders , Rheumatic disease ..... ,  
By deep ( IM ) injection, into gluteal muscle, 40 mg of acetonide for depot effect,  
repeated at intervals according to the patient response, max. single dose 100 mg ...

## Drugs for ttt of osteoporosis

Osteoporosis occurs most commonly in postmenopausal women and in those taking long-term oral corticosteroids ...

769 – Calcitonin ( calcitonin , miacalcic ) injection & nasal spray .....

Dose :

- Hypercalcaemia, by sc or im inj. , 5-10 units/kg daily ( in 1-2 divided doses ) to 400 units every 6-8 hrs adjusted acc. to clinical response ...., by slow iv infusion , 5-10 units/kg over at least 6 hrs ...
- Paget disease of bone, by sc or im injection , Dose range 50 units 3 times daily to 100 units daily, in a single or divided doses..
- Bone pain in neoplastic disease , by sc or im injection , 200 unites every 12 hrs for 48 hrs may be repeated if needed.
- Postmenopausal osteoporosis , by sc or im injection , 100 units daily with dietary calcium and vitamin D supplements ...
- Intranasally : 200 units ( 1 spray ) into one nostril daily, with dietary cal. & vitamin D supplements ..

770 – Alendronic acid ( alendene , alendex , alendomax , alendran , bonapex , fosamax , osteomax , osteomepha , osteonate ) tab .... , Dose : Postmenopausal osteoporosis , and osteoporosis in men , 10 mg daily or ( in postmenopausal osteoporosis ) 70 mg once weekly , prevention of postmenopausal osteoporosis, 5 mg daily ... .. , Prevention and treatment of corticosteroid-induced osteoporosis 5 mg daily ..... , postmenopausal women not receiving HRT, 10 mg daily ....

771 – Raloxifene ( evista , osteo , ralogen , ralopause , ralox , roseva , sedovesta ) tab ..... , is licensed for the prophylaxis and treatment of vertebral fractures in postmenopausal women .....60 mg daily, which may be administered any time of day without regard to meals ...

772 – Risedronate sodium ( actonel , risaldene , riseonate ) tab ..... , Paget disease of bone, 30 mg d. , if necessary after at least 2 months..... , Treatment of postmenopausal osteoporosis to reduce risk of vertebral or hip fractures, 5 mg d.

or 35 mg once weekly. prevention of osteoporosis (including corticosteroid – Induced osteoporosis) in post menopausal women, 5 mg daily ...

773 - Zoledronic acid ( aclasta , zometa ) injection ..... is indicated for the treatment of hypercalcemia of malignancy defined as an albumin-corrected calcium (cCa) of  $> 12$  mg/dL ..... The maximum recommended dose is 4 mg as a single-dose intravenous infusion over no less than 15 minutes ...

774 – Disodium clodronate ( bonefos ) cap. & injection ..... , It is used to treat *hypercalcemia* (high blood calcium) for people who have cancer. also used to treat cancer that has spread to bones (bone metastases) ..... lodronate is started with an intravenous infusion (injection into the vein), and then switched to oral (by mouth) maintenance treatment ..... , 300 mg daily iv , Following intravenous treatment, oral treatment is started at a recommended dose of 1,600 mg to 2,400 mg daily given as a single daily dose or as 2 divided doses. The maximum recommended daily dose is 3,200 mg...

## Bromocriptine & other dopaminergic drugs

775 – Bromocriptine ( dopagon , lactodel , parlodel ) tab ..... , Is a stimulant of dopamine receptors in the brain, it also inhibits release of prolactin by the pituitary. Bromocriptine is used for the treatment of galactorrhoea and cyclical benign breast disease, and for the treatment of prolactinomas ( when it reduces both plasma prolactin concentration and tumour size ). Bromocriptine also inhibits the release of growth hormone and is sometimes used in the treatment of acromegally .....

Dose : ...

- Hyperprolactinemias , 2.5 mg on day 1 (prevention ) or daily for 2-3 days (suppression ) then 2.5 mg twice daily for 14 daily ....

- Hypogonadism, galactorrhoea , infertility , initially 1-1.25 mg at bedtime, increased gradually, usual dose 7.5 mg daily in divided doses, increased if necessary to max. 30 mg d., usual dose in infertility without hyperprolactinaemia, 2.5 mg twice daily ....

- Cyclical benign breast disease and cyclical menstrual disorders ( particularly breast pain , 1-1.25 mg at bedtime, increased gradually, usual dose 2.5 mg twice daily...

- Acromegally, initially 1-1.25 mg at bedtime, increased gradually to 5 mg every 6 hrs...

776 – Cabergoline ( caberglobe , dostinex ) Tab ..... , Has actions and uses similar to those of bromocriptine, but its duration of action is longer ..

Dose :

- Prevention of lactation, during first day postpartum, 1 mg as a single dose, suppression of established lactation, 250 mcg every 12 hrs for 2 days ...
- Hyperprolactinaemic disorders, 500 mcg weekly ( as a single dose or as 2 divided doses on separate days ) .. increased at monthly intervals in steps of 500 mcg until optimal therapeutic response ...
- Parkinsonism ,

777 – Quinagolide ( norprolac ) tab ..... , Dose : Hyperprolactinaemia, 25 mcg at bedtime for 3 days, increased at intervals of 3 days in steps of 25 mcg to usual maintenance dose of 75-150 mcg daily, for doses higher than 300 mcg d. increase in steps of 75-150 mcg at intervals of not less than 4 weeks. Child, not recommended ...

## Drugs affecting gonadotrophins

778 – Danazol ( danazant , danazol , danol ) cap .... Indication & dose : see above

779 – Triptorelin ( decapeptyl ) injection ... is indicated in the palliative ttt of advanced prostate cancer ..... , Dose : 3.75 mg incorporated in a depot formulation and is administered monthly as a single IM injection The lyophilized microgranules , are to be reconstituted in sterile water. No other diluent should be used ..

780 – Goserelin ( zoladex ) injection

## Drugs used for diabetes

Diabetes mellitus occurs because of a lack of insulin or resistance to its action. Diabetes is clinically defined by measurement of fasting or random blood-glucose concentration ( and occasionally by glucose tolerance test ).

### insulin

781 - Insulin aspart ( novo mix , novo rapid ) penfill ..... (Recombinant human insulin analogue ) ..... , Dose : By sc injection, immediately before meals or when necessary shortly after meals, according to requirements ..... , By sc infusion, iv injection, or iv infusion, according to requirements .....

782 - Insulin lispro ( humalog ) cartridge ..... (Recombinant human insulin analogue )... , Dose : By sc injection, shortly before meals or when necessary shortly after meals, according to requirement ....., By sc infusion, or iv injection, or iv infusion,

783 - Insulin glargine ( lantus ) optipen & optiset ) ..... (Recombinant human insulin analogue) long acting) ..... dose : By sc injection, adult and child over 6 years, according to requirements ....

784 - Insulin zinc suspension ( humulin l , montard hm ) inhection .... By sc injection, according to requirements ..

785 – Insulin isophane protamin human ( human insulin-n vacscera , humulin n , insultard hm , insulin h bio nph , insulin basal , injection ... , dose , By sc injection, according to requirements ...

786 – Insulin isophane protamin human + Insulin neutral human ( human insulin mix , humulin 70/30 , insulin h mix , insuman comb. , mixtard ) injection .

### Oral antidiabetic drugs

Oral antidiabetic drugs are used for the treatment of type 2 ( non-insulin dependent ) diabetes mellitus. They should be prescribed only if the patient fails to respond adequately to at least 3 months restriction of energy and carbohydrate intake & an increase in physical activity. They should be used to augment the effect of diet and exercise, and to replace them ...

787 – Chlorpropamide ( pamidin ) tab ..... , Initially 250 mg daily with breakfast ( elderly 100-125 mg but avoided ), adjusted according to response, max. 500 mg daily ....

788 – Glibenclamide ( daonil , diaben , euglucon , glibenclamide , glibeneze ) tab .... , Initially 5 mg daily with or immediately after breakfast (elderly 2.5 mg, but avoided), adjusted according to response, max. 15 mg daily ...

789 – Gliclazide ( diabetron , diabyl , diamedizen , diamicon , dianormal , gliclazide , glipicrone , serviclazide , unocron ) .... Tab ... Initially, 40-80mg daily, adjusted according to response, up to 160 mg as a single dose, with breakfast, higher doses divided , max. 320 mg daily ....

790 – Glimepiride + Metformine ( amophage extra , diavance , glimet , gluconance , gluokan , meburide , metclamide ) tab ...

791 – Glimepiride ( amaryl , conida , diabenor , diabetless , diabeto , diabride , diamepryl , dolcyl , gedimadel , glaryl , glemax , glimadil , glimaryl , glemiper , glucoryl , reglidip tab.... , Initially 1 mg d. , adjusted according to response in 1-mg steps at 1-2 week intervals, max. 4 mg daily ( exceptionally, up to 6mg daily may be used ), taken shortly before or with first main meals ...

792 – Glimepiride + Metformine ( amaryl m ) tab..

793 - Glimepiride + Rosiglitazone ( avandaryl , downbetes , glemipiride plus , glimet forte ) tab..

794 – Glipizide ( glipizide , glupizide , minidiab ) tab ..... , Initially 2.5-5mg daily shortly before breakfast or lunch, adjusted according to response, max. 20 mg daily, up to 15mg may be given as a single dose, higher dose divided ...

795 – Gliquidone ( glureinor ) tab .... , Initially 15 mg daily before breakfast, adjusted to 45-60mg d. in 2 to 3 divided doses, max. single dose 60 mg, max. daily dose 180 mg ...

796 – Metformin hydrochloride ( alexodiab , amophage , cidophage , diaphage , diaquit , eaformeate , glucoformin , glucolight , glucophage , haspromin , meglucon , metformin , retardophage ) tab ... , Initially, 500mg with breakfast for at least 1 week then 500mg with breakfast & evening meal for at least 1 week then 500mg with breakfast, lunch and evening , max. 3mg daily in divided doses , but most physician limit this to 2gm daily ...

## Other antidiabetics

797 – Acarbose ( acarose , glucopay ) tab .... Indications : Diabetes mellitus inadequately controlled by diet or by diet with oral hypoglycaemic agent ..... , Initially 50mg daily ( to minimize side-effects ) increased to 50 mg 3 times daily, then increased if necessary to 100 mg 3 times daily after 6-8 weeks, max. 200mg 3 times daily , Child, under 12 years, not recommended ....

798 – Nateglinide ( starlidine , starlix ) tab .... Indications : Type 2 diabetes mellitus in combination with metformin when metformin alone inadequate ..... , Initially 60mg 3 times daily within 30 minutes before main meals adjusted according to response up to max 180 mg 3 times daily , Child and adolescent under 18 years not recommended ...

799 – Nateglinide + Metformine ( starlix combi ) tab.....

800 – Repaglinide ( diaro1 , novonorm , repaglid , repaglinide , repandin ) tab ..... , Indications : Type 2 diabetes mellitus ( as monotherapy or in combination with metformin when metformin alone is inadequate ..... Dose : Initially 500 mcg within 30 minutes before main meals (1mg if transferring from another oral hypoglycaemic ), adjusted according to response at intervals of 1-2 weeks, up to 4mg may be given as a single dose, max. 16 mg daily ...

801 – Pioglitazone ( actose , actozone , diabetin , glimepiride , ensudyne , glucopro , glustin , hi-glitasone , piojet ) tab ..... Indication : Type 2 diabetes mellitus (alone or combined with metformin) or a sulphonylurea ..... , Dose: Initially 15-30mg once daily increased to 45mg daily according to response ...

802 – Pioglitazone + Metformin ( bioglita plus , glimepiride plus , pioglumet )  
tab .....

803 - Rosiglitazone ( avaglit , avandia , avavlit , diazan , rosandia , rosecover ,  
rosidexx , rosidiab , rosiglet , rosilon , rosizone ) tab ..... Indications: Type 2  
diabetes mellitus ( alone or in combination with metformin or sulphonylurea ..... ,  
Dose: initially 4mg daily , if used alone or in combination with metformin may  
increase to 8mg daily ( in 1 or 2 divided doses ) after 8 weeks according to  
response ....

804 – Rosiglitazone + Metformine ( avandamet , rosecover , rosidiab , rosiplus  
) tab

805 - Rosiglitazone + Glimepiride ( avandaryl , downbetes ) tab ..

## Vaginal preparation

806 – Clindamycin ( chemocin , dalacin , epcicind , mepaclind ) vaginal cream &  
vag.upp ..... has a strong antibacterial activity on gram positive microorganisms,  
such as most penicillin-resistant and penicillinase -producing staphylococci and some  
anaerobic germs .....

807 – Furazolidine + Nifuroime ( tricof ) vaginal ovules ....

808 - . metronidazole ( , amrizole , farcozol , klion d , metronal , metrozol , ,  
trichogel ) vag. Gel & vag.. supp ... Used for the treatment of most vaginal infections  
(candidiasis trichomoniasis, and anaerobic infection ) ..... It has activity against  
protozoa , and anaerobic bacteria including , trichomonas vaginalis ...

809 – Miconazole ( gyno-daktarin , gyno-mycotral , gynozol , miconaz , monicure  
, mycotral , peopodak ) vaginal tab , vag. ovule , vag. cream , vaginal supp ...  
Curative and prophylactic treat ment of candidiasis of the oro- pharyngeal cavity and  
the gastrointestinal tract. And vaginal candidiasis ...

810 – Miconazole + Nystatin (monicure plus , amrizole n ) vaginal supp ...

811 - Nystatin (Nystatin mycotan , mycotatin ) vaginal tab & vaginal upp ....

812 - Tioconazole ( Gyno- trosyd , gyno-premazole , gytro , mipazole , tiocon ,  
topzol ) vaginal tab & vaginal cream ..... Broad spectrum synthetic fungicidal agent,  
also active against staph. And streptococci bacteria and trichomonas vaginalis ..... ,  
Used in treatment of vaginal yeast infection and trichomonas vaginalis ..

813 - Povidone iodine ( betadine , betavidone , ezadine , iodoept , iodine ) vaginal douche ,vaginal pessaries , vaginal ovule ..... Used in various cases of vaginal infections- one measure in 1 L of warm water - 1 supp/12 hrs for 2-4 weeks...

814 - Icthamol +glycerin ( Glycerin Ichthyol ) vaginal pessaries ..... , Has antiseptic and calming effect in vag. Infections ..... , 1 ovules/ 12 hrs .....

815 – Econazole ( econazole , gyno-pevaryl , gynoryl ) vaginal cream & vaginal ovule

816 – clotrimazol (candistan , canesten , krema-rosa ) vaginal tab & vaginal cream .....

817 – policresulen ( albothyl ) vaginal ovules .... 1 ovule at night for 6 days ..

819 – policresulen + cinchocaine ( faktu )

820 – Benzydamine ( eli-douche , tantum rosa ) vaginal douch ..

821 – Estriol ( Ovestin ) vaginal ovule ..... For menopausal symptoms , 4-8 mg daily decreased gradually to 1-2 mg daily ....., Infertility due to cervix disturbances, 1-2 mg during days 6-15 of the menstrual cycle . Max. dose 8mg ...

822 – Hydroxyquinoline + Lactic acid ( biolavage ) vaginal douch e

### Drugs used in labor (oxytocin & prostaglandins )

823 – Oxytocin ( oxytocin , syntocinon )injection ..... It is a posterior pituitary hormone , it causes contraction of the uterus .... , it help delivery at the third stage (labor stage) ... , it maintain uterus contraction during delivery ...., it prevent uterine hemorrhage after delivery ...

824 – Misoprostol ( dinoglandin , enzaprost , misoprost , vagiprost ) vaginal tab & injection ..... ...Used for cervical softening and labour induction ..... , 25-50 mcgm followed by another dose after 6 hrs ....

825 – Dinoprostone ( dinoglandin , enzaprost ) ... Tab .& amp

### Myometrial relaxants

826 – hexoprenaline ( gynibral , ipradol ) tab. & injection ...

827 – Methylergometrine ( methergine ) tab & amp ) ..... Produce sustained contraction , so , so used for prevention of post -partum haemorrhage ...1 mg (IV) after delivery to restore uterus tonicity ....1 tab. 3 times daily to restore normal size of uterus ....



828 – Ritodrine ( ritopar , toriare , youtopar ) tab. & amp ..... , Relaxes the smooth muscle of the uterus , through its sympathomimetic effect ...

### Drug for urinary frequency , enuresis , incontinence & antiseptics

829 – Imipramine ( toframine , tofranil ) Is antimuscarinic with peripheral effect similar to atropine , Used to increase urethra capacity ... , It is belongs to tricyclic antidepressant drugs ..... , Dose: 6-7 years, 10-20mg at bedtime; 8-11 years, 50mg; above 11 years, 75mg at bedtime ...

830 – Oxybutynin ( continax , detronin , detrusan , dry tropan , oxurate , uripan ) tab. , syp . & cap ..... It is urinary tract inhibitor for overactive bladder in adult and children .. , It exerts antimuscarinic and antispasmodic effect ,

831 – Tolterodine ( cystolax , cystoridine , detrusitol , incont , terodine , tolterodine , uricontrol ) tab. & cap ..... Used to prevent nocturnal enuresis and treatment of prostatic disorder ...

832 – Nitrofurantoin ( colifuran , macrodantin , macrofuran , mepafuran , uvamine retard ) tab. & cap. .... used in the treatment of uncomplicated lower urinary tract infections. (Quinolones are the agent of choice ) ...

833 – Flvoxate ( geurin , nephroflam ) tab ..... , Antispasmodic for the genitourinary system ..... , dose: 1-2 tab. R times daily ...

834 – Flvoxate + Magnesium oxide ( uroate ) eff. Sachet

835 – Nitroxoline ( nibiol ) tab ..... Used in treatment of urinary tract infection. Dose: 1 tab/12 hrs for 5 days ....

836 – proximadiol ( proximal ) eff. Granules ..... For renal spasm and expelling urinary stones ...

837 – phenazopyridine ( urisept ) tab ....

838 – phenazopyridine + Trimethoprim ( carmurit- t )

### Drugs to treat impotence & sex disorders

839 – sildenafil ( erec , erecton , faroviga , napifit , oragawell , silanil , sildava , sildenafil , silvagra , silvigo , spika , stimu-max , veora , v-gone , Viagra vigor , vigoram , vigorex , virecta ) tab. .... , it causes erection of penis due to release of nitric oxide in corpus cavernosum during sexual stimulation which results in

increase of levels of cyclic guanosine monophosphate (cGMP) producing smooth muscle relaxation and allowing inflow of blood ..... 1 or 1/2 tab ( 100mg) with a plenty of water before food at least 1/2 hrs before sexual intercourse ..

840 – Yohimbine ( yohimbix ) tab ..... It is aphrodisiac, it increases the sexual desire

841 – Royal jelly + Ginseng + Wheat germ oils ( biostrong , royal vit G )

842 – Tramadol .....

## Mouth wash & anti-infection mouth preparations

843 – Hexidine ( oraldene ) mouth wash

844 – Benzylamine ( b.b.c , orasept , philo green , tantum verde , tantum verde -p , thoralmine ) mouth wash , lozenge , spray )

845 – Povidone iodine ( betadine , iodosept , provident , povidin , povidone , povidone iodine ) mouth wash ,

846 - Tetracycline iodide ( maxis , maxoral ) mouth wash & lozenge

847 – Chlorhexidine ( antiseptol , citrolin-f , dentasept , eludril , orosept )

848 – Chlorhexidine + chlorbutanol (eludril )

849 - Benzoxonium cl + Lidocaine ( orofar , oracaine ) oral gel , mouth wash , lozenge

850 – Chlorhexidine + Lignocaine ( orosept ) gargle

851 - Cetylpyridium + Fluorid ( b-fresh , cetosept , ezaflour , oracure ) teething gel , oral gel , mouth wash , lozenge

852 – Cetylpyridium + Lidocaine ( calgel , dentinox ) gel .... 2-3 times daily to stop teething pain ....

853 – Miconazole ( buccazole , daktarin , micazole , mico oral , micoban , miconaz ) oral gel ..... infants: 1/4 measuring spoon of gel, four times a day. Children and adults 1/2 measuring spoon of gel four times a day ...

854 - Benzocaine ( dentocaine)

855 – Benzocaine + Benzalkonium cl ( zora c ) lozenge

856 – Nystatin ( fungifree , fungistatin , mycostatin , orastatin ) oral suspension  
..... Oral candidiasis (mycotic stomatitis) , place 1-2 dosing of 2.5ml in the mouth. Rinse the mouth with suspension, so that it is spread uniformly, impregnating the buccal mucous membrane, and swallow the excess. Do not swallow any other liquid for as long as possible, to prolong the impregnating topical contact of the fine film of suspension with the buccal mucous membrane. This dose will be repeated 2-4 time a day .. Treatment should be continued for 2-3 days ..

857 – Citalkonium + Choline salicylate ( mundisal , pansoral )

858 - Sodium monofluorophosphate + Potassium nitrate ( Emoform – F )

859 – Aminacrine + Lidocaine ( medigel )

860 – Domiphen ( bradoral ) lozenged

861 – Dequalinium + Lysozyme ( larypro )

862 – Dequalinium ( ucifresh ) spray

863 – Tyrothricin ( lemocin-c ) tab ...

864 – Oxyquinol ( Oxymeria ) mouth wash & gargle

865 - Chamomile extract + Myrrh tincture ( ad-muc ) oral oint

866 – Chamomile + Lidocaine ( kamistad) oral gel

## Disinfectants & Antiseptics for topical uses

867 - povidone iodine ( betadine , betavidone , ezadine , iodosept , iodine , panavidon , povidamine , povidin , povidone iodine , procidal , protagent ) oint , surgical scrub , solution , shampoo )

868 – Chlorhexidine + cetrimide ( cetadine , cetrodil , chlorhexidine , savlon , savlosept , savlotec , setavlon ) cream , solution ,

869 – Chlorhexidine + Ketoconazole ( curazol – h ) shampoo

870 - Chlorhexidine + Benzalkonium cl ( dermobacter ) solution .,

871 – Chlorhexidine + Silver sulfadiazine ( dinasept ) cream .

872 – Chlorhexidine (chlorhexidine) gauze dressing , tulle

873 – Chloroxylenol + undecylenic acid ( fresh way ) sprary

874 – Dichloroxylenol + cetrimide ( septicid , polysept-all ) solution ..... More powerful and less toxic than phenol with less caustic effect on skin. (disinfectant) .

875 - Benzalkonium cl + cetrimide ( baby guard , dermobacter ) cream , solution

876 - Cetrimide ( cetrimide ) cream

877 – Cetrimide + Dimethicone ( dermocare ) cream

878 – Cetrimide + Lignocaine ( lignosol ) aerosol spray )

### Anti-bacterial skin preparations

879 – Fusidic acid ( fucidel , fucidin , fucin , fuciphac , fuci-top , fusi , fusiderm , fusidic acid , fusidictam , futasole , ) cream , gel , oint , intertull ., gauze dressing ..... Use in impetigo; bails carbuncles , paronychia; infected wounds , Sychosis barbae-hidradenitis , Erythema; folliculitis and acne vulgaris ....

880 – Chloramphenicol ( adcocetine ) oint ..... Is a proad spectrum bacteriostatic antibiotics ...

881 - Nitrofurazone ( furaderm , furaseen , furzone , germiks ) oint. & soluble dressing. . used in all types of burns ..... , Dose: applied twice daily ..

882 – Neomycin + Bacitracin ( bactomycin , baneocin , bivacyn , bivatracin , dermabiotic , dermotracin ,

883 – Neomycin + Polymyxin (titacetyn ) topical spray ,

884 – Polymyxin + Oxytetracycline ( terramycine , tetra , tetramexin ) oint & cream ...

885 – Gentamicin ( apigent , biogentacin , cidomycin , farcocin , garamycin , genmycin , gentel , gentamicin , gramidine , refobacin ) cream & oint ....., Used to prevent wound sepsis with bacteria esp. G-ve bacteria (wounds, various degrees of burns, bed sores, etc ) ...

886 – framycetin ( sofratull ) intertulle .... Is active against many gram negative bacteria ..

887 – Metronidazole ( rosagel ) gel

888 - Sulfadiazine ( dermazine , sulphargin , burnazin , silvazine , silverzine ) cream ... It is antibacterial cream used to prevent or treat bacterial infections in burns. Help to treat bacterial infections in leg ulcers .... Dose: The burn should first be cleaned . Apply a 3-5 mm layer using a sterile glove, cover the area with a non-stick dressing , re-applied to the burn at least every day ...

889 – Sulfadiazine + Panthenol ( argiderm-p

890 - polynoxylin ( anafelex ) oint . & powder .... It is anti-bacterial & anti-fungal .. It act by the release of formaldehyde ..

891 – Tetracycline ( adcocycline , oxytetrine ) oint .

892 – Gramicidin ..... Is active against many gram negative bacteria ..

893 – Chlorocresol ..... It has anti-bacterial and anti- fungal properties ....

### Topical anti-fungal preparations

894 – Bifonazol ( mycospor ) cream & solution ...

895 – Tioconazol ( tiocon , topzol , trosyd , trozal ) topical lotion , cream ...

896 - Nystatin + Zinc oxid ( mycostatin , nice baby ) oint.

897 - Nystatin ( mycostatin , nystatin ) cream

899 - Cotrimazole ( candistan , candizole , canemazole , canesten , closol , cutistad , dermatin , locasten ) solution , cream , aerosol , paint , powder ,....., Applied as a 1% cream or solution in the treatment of candidiasis, tinea and pityriasis versicolour

900 – Miconazol ( adcozole , daktarin , dermozole , micoban , miconaze , miconol , mycocidin , mycopharm , mycotral ) gel , powder , solution , cream , tincture, paint...

901 - Econazol.( conatrate , ectoderm , econazole , fungryl , pevaryl ) cream , lotion , solution , powder ....

902 – Cyclopiroxolamine ( mycoster , batrafen ) cream , solution ..

903 – Chlorphenesin ( neo fungicil ) powder

904 – Naftifine ( exoderil ) cream , solution ...

905 – Cliquinol ( vioderm )

906 – Tolnaftate ( tinea cure ) cream , paint , powder

907 – Sertaconazole ( Amosertaderm , dermofix ) cream , powder , spray

908 – ketoconazole ( curazole , ketoderm , konazole , nizapex , nizoderm , nizoral , zakan ) shampoo , cream , gel

909 – Isoconazole ( cidogen , travogen )

910 – Terbinafine ( fungisafe , fungistat , lamisil , terbinafine ) cream , gel , solution , powder ..

### Topical cortisone preparations alone & in combination with other drugs

Exerts an anti-inflammatory, antiallergic , and anti-proliferative effect .... Uses : Eczema (atopic, infantile, and discoid eczemas Prurigo nodularis , Psoriasis (excluding widespread plaque psoriasis) , Neurodermatoses including lichen simplex, lichen planus , Seborrhoeic dermatitis , Contact sensitivity reactions , Discoid lupus erythematosus , An adjunct to systemic steroid therapy in generalised erythroderma , .Insect bite reactions , Prickly heat.

Dose of corticosteroids : Apply a thin film of the cream or ointment to the affected skin areas 1-2 times daily ..... Corticosteroids are never used alone to treat skin inflammation caused by bacteria or fungal infection ...

911 – Hydrocortisone ( effcort , hydrocortisone , locoid , micort , texacort , westcort ) cream , oint .

912 – Hydrocortisone + Miconazole ( daktacort , dermozol cort , miconaz-h , monicort , mycocort , mycotral ) cream , emulgel

913 – Hydrocortisone + clioquinol ( dermocort , vioderm-hc ) cream

914 - Hydrocortisone + fucidic acid ( defusin , fusi-sone ) cream ,

915 – Hydrocortisone + Clotrimazole ( dermatin cort ) cream

916 – Hydrocortisone + Pramoxine ( pramacort ) cream

917 – Hydrocortisone + Cinchocaine ( sediproct , proctosedyl ) rectal supp , cream , oint

918 – Hydrocortisone + Econazole ( ripiconazole ) cream

919 – Hydrocortisone + Oxytetracycline ( terracortril ) oint.

920 - Hydrocortisone + Salicylic acid ( dermotar ) cream

921 – Betamethasone ( betaderm , betamethasone , beta-val , betnovate , diprosone ) cream , oint. ,

922 – Betamethasone + Fucidic acid ( betafucin , betamethasone , corticofusidic , fostinocort , fucicort , fucitop c , fusidic plus , futasone , ) cream ,

923 - Betamethasone + panthenol ( betapanthen ) cream

924 – Betamethasone + salicylic acid ( betasalic , beta-val-s , betnosal , diprosalic , kerella , salipet ) oint., lotion

925 – Betamethasone + Clioquinol ( beta-val-c , betnovate-c , cliosone , vetovate c ) oint , cream

926 – Betamethasone + Neomycin ( betnovate – n , vetovate n ) oint.

927 – Betamethasone + Calcipotriol ( calcipoheal-cort , diavobet , psoritop ) oint

928 - Betamethasone + Clotrimazole ( clotrisone , lotriderm ) cream , oint

929 – Betamethasone + Gentamycin ( gentacure , gentazone ) cream

930 – Betamethasone + Miconazole ( micosone ) cream

931 - Triamcinolone acetonide ( topicort ) cream

932 - Triamcinolone + salicylic acid ( cinolon-s ) gel

933 – Prednicarbate ( dermatop ) oint. , cream , solution

934 – Alclometasone ( perderm , almitat ) cream , oint )

935 – Clobetasole ( eumovate , clerovate , clobitat , clo-butra , clovacort , dermasol , dermopharm , dermovate , jedcovate ) cream , oint

936 – Fluprednidene ( decoderm ) cream , lotion

937 – Fluprednidene + Salicylic acid ( salidecoderm ) oint

938 - Fluticasone ( cutasone , cutivate , dermaflutisone , topcan ) oint , cream

- 939 - Beclomethasone ( beclosone ) cream
- 940 – Flumethasone ( locarten ) cream
- 941 – Flumethasone + flioquinol ( locarten vioform ) cream
- 942 – Flumethasone + Salicylic acid ( locasen ) oint ..... salicylic acid has keratolytic and squamolytic action, also help the glucocorticoid to penetrate into the deeper layers of the corne to exert its effect ..
- 943 – Dexamethasone + Panthen ( alex-panthen , dexapanthen ) cream
- 944 - Dexamethasone + Clotrimazole ( mycutin d ) cream
- 945 – Halomerasoline ( sicortin ) cream
- 946 - Halomerasoline + triclosan ( sicortin plus ) cream
- 947 – Diflucortolone ( nericid , nerisone ) cream
- 948 – Diflucortolone + chlorquinaldol ( nerisone C ) cream
- 949 - Mometasone ( borgasone , elecortine , elocortin , elocon , metaz , minasoe , momsone , sniffacan ) cream , lotion , oint. ,
- 950 – Mometasone + Miconazole ( elica m ) cream
- 961 – Mometasone + salicylic acid ( elicasal ) oint ,
- 962 – Prednisolone + clioquinol ( adcoform ) oint.
- 963 – Prednisolone + tetracycline ( tetracort ) oint

### Psoriasis vulgaris preparations that not contain corticosteroids

- 964 - Ammoniated mercury ( white precipitate ) oint .... Is antipsoriatic , parasitcidal combination ...
- 965 - oxyquinol + Alantoin ( bioclear ) lotion
- 966 – Calcipotriol ( daivonex ) oint. , cream ..... Is a topical formulation of the vitamin D derivative ..... , It induces differentiation and suppresses proliferation of skin cells (keratinocytes). It is thus normalises abnormal cell proliferation and



differentiation in psoriatic skin ..... , Used for the treatment of psoriasis vulgaris ...,  
Dose: used twice daily, the weekly dose should not exceed 100 gram...

967 – Pimecrolimus ( elidel ) cream .....Used for acute and long term management of the signs and symptoms of atopic dermatitis (eczema) for infants above 3 months, children and adults ..., Used twice daily..

968 - Sodium perborate ( perasafe ) powder

## Preparations for warts & corns

970 – Lactic acid ( clear face ) lotion

971 - Lactic acid + Salicylic acid + Polidocanol ( collomak ) solution  
...Salicylic acid remove thick scale and crust especially from scalp

972 - Lactic acid + Salicylic acid ( duofilm ) lotion

973 – Lactic acid + Urea + Hydrocortisone ( zemadermin ) cream

974 – Allantoin + coal tar ( alphosyl ) cream , lotion ..... coal tar Remove dead skin layer , it stain clothes ...

975 – Allantoin + Oxyquiunol + salicylic acid ( bioclear ) lotion

976 – Allantoin + Heparin + onion extract ( contractubex , scartex ) gel .....  
Used for month, remove any scars lefted after burns, injures or wound healing.

## Acne preparations

977 – Erythromycin ( acni- care , aknemycin , erythrin , staticin ) solution , gel , oint , lotion ..

978 – Erythromycin + Benzoyl peroxide ( acne benz , benzamycin ) gel

979 – Erythromycin + Zn acetate ( acne biotic , acne zincomycin ) paint , solution

980 – Erythromycin + Tretinoin ( E-rettin , erytin ) lotion , gel ..

981 – clindamycin ( clindacin , clinda-sol , dalacin c , dalacin t ) solution , lotion

982 – Rosercinol + Sulfur ( eskamol ) cream

983 - Azelaic acid ( azaderm , ezalic , skinoren ) cream ..... Is comedolytic and suppress the growth of propioni Bacteria in one of acne ....., Applied 2 times daily after cleaning the face with soap. Therapy may extended from 1-6 months .... Avoid exposure to sun after application... should not be used for more than 6 months ...

984 - Benzoyl peroxide ( Acnexyl , akneroxid , dermocar , lubex , panoxyl ) gel , lotion , emulsion ... It has keratolytic and antibacterial effect ..... Product containing benzoyl peroxide, sulfur, salicylic acid (3-6%) and resorcinol (1-2%) have been shown to be effective agent in the treatment of acne vulgaris ...

985 – Tazarotene ( acnitaz , palizage , sabotaz , zarojel , zarotex ) cream , gel

986 – Tretinoin ( acne free , acnetin-a , acretin , e-retin , eudyna , isotrex , locatret , retin a ) gel , cream , solution

987 – Isotretinoin ( Isotretinoin , netlook , roaccutan ) cap ..... It is an isomer of tretinoin, used in the treatment of acne vulgaris ..... It is contra-indicated during pregnancy and for ladies who are plain to be pregnant because it is highly teratogenic ....., 0.5 mg/kg divided into 2 doses daily for 2-4 months. If no improvement after 1 month the dose increased to 1mg/kg ....

988 – Salicylic acid ( dermacyclic ) lotion

989 – Acitretin (Acitretin , neotigason , unitrin ) cap ..

990 – Adapalene ( acne-jed , acnescave , adagel , adanoid , Adapalene , marpalene ) gel , cream

## Hair falling & anti-dandruff preparations

991 – Panthenol + pilocarpine + quinine ( hair grow ) lotion

992 - Panthenol + Pilocarpin ( hairgrew ) lotion

993 – ketoconazole + chlorhexidine ( curazole – h , konazole , nizapex , nizoral , zakan ) shampoo ..... Ketoconazol shampoo rapidly relieves scaling and pruritus , which are usually associated .... Dose of ketoconazole : The affected areas of the skin or the hair should be washed with shampoo 2%, which should be left on the skin for 3-5 min. before rinsing , for Pityriasis versicolor used once daily for 5 day .., for Seborrhoeic dermatitis & pityriasis capitis , 2 t. weekly for 2-4 weeks...

994 - Piroctone olamine ( hair stabil , corpal mc ) lotion

995 - Selenium sulphide ( sulfiselen , tinasel , selsun blu ) lotion , cream .... Effective to treat dandruff; used day after day , Wet hair with water, rubbed with few shampoo for 5 minutes then rinse with water...

996 – Pyrithione ( zincopan ) cream ..... Has potent antifungal activity against dermatophytes & yeast..

997 – Pyrithione + Panthenol ( seporal ) shampoo

998 – Octopirex ( corpal , rootage ) cream , shampoo

999 – Finasteride ( nopecea , hair gain ) cap , lotion , cream

1000 – Polytar (polytar ) liquid ..... Used to treat chronic skin and scalp eczema & psoriasis, and resistant dandruff . It is used twice weekly ...

1001 - Povidene-iodine ( betadine , betavidone , ezadine ) shampoo .....has broad spectrum anti-fungal , anti-bacterial effect, it was found that it is effective on ttt and prophylaxis of dandruff....., Shampoo to be rubbed to the hair with water for 5 minutes day after day..

1002 – Minoxidil ( bold stop , gast minoxy , hair act , hair gain , hair plus back , minox , minoxidil , minoxitrim , perfectodil , performa extra strength , regaine , rehair ) solution , gel , lotion ..... It stimulates hair-growth in individuals with androgenic alopecia (male pattern baldness ) ..... Hair and scalp should be dried prior to application , a dose of 1 ml (8 sprays) applied to the affected area twice daily. The total daily dosage should not exceed 2 ml. Continuous daily application for 4 months or longer may be required ...

## Scabies and lice preparations

1003 – Tetramethrin + Piperonyl butoxide ( licid ) lotion , spray

1004 – Ivermectin ( iverzine ) lotion

1005 – Crotamiton ( Eurax , Scapirax ) cream , lotion

1006 – Phenothrin ( Item , nolice ) lotion , shampoo

1007 – Biallethrin + Piperonyl butoxide ( para ) spray

1008 – Permethrin + Piperonyl butoxide ( charlieu ) shampoo

1009 – Permethrin ( ectomethrin , newcid , permethrin ) cream , emulsion , lotion

1010 - Malathion ( lice , prioderm , quick ) oint , lotion ..... Lotion is preferable than shampoo , For Crap lice, the second treatment is preferably started after after 7 day , Lotion applied to all body except face .....

1011 - benzyl benzoate ( benzanil , benzyl benzoate , gamma benzyl , pharco-benzyl ) cream , oint , lotion ..... Used for the eradication of lice and scabies ....., For scabies , applied for whole of the body once daily for 3 daily ....., used for lice of the head for many hrs then wash with shampoo. Repeat at the 2 next days ....

## Drugs for skin ulcers , burns & hyperpigmentation

1012 – Panthenol + Silver sulphadiazine ( argiderm - p , panthenol , pantho-eva ) cream , emulgel , solutionm .. .

1013 - Dexapanthenol ( dexpanol , dex-panthenol ) spray , cream ,

1014 – Panthenol + Lidocaine ( lignopanthen ) gel

1015 - Dexapanthenol + Royal jelly ( pedy phar ) oint ..

1016 - B-sitosterol ( mebo ) oint ..... promote the regeneration of and repair of tissue, also it help the pain receptors recover the normal physiological conditions help liquefy and expel necrotic skin ....

1017 – Hydroquinone + Retinoic acid ( beuty gel , lucocid r ) oint . , gel

1018 – Hydroquinone ( clearalique , eldoquine , meloquin , retiquine-h ) cream

1019 - Hydroquinone + Octyl salicylate ( topifram )

1020 - Hydroquinone +, Methoxycinnamate ( fade out ) cream

1021 - Silver sulphadiazine ( flamazine , argiderm , burnazin , dermazin ) cream

1022 – Silver sulphadiazine + Chlorhexidine ( dinasept , silvazine , silverzine ) cream .... Silver sulphadiazine is antibacterial cream used to prevent or treat bacterial infections in burns ....The burn should first be cleaned . Apply a 3-5 mm layer using a sterile glove, cover the area with a non-stick dressing , re-applied to the burn at least every day ....

1023 – Chloramphenicol + Collagenase ( iruxol , skinatra ) oint ..... Help and promote rapid healing of burns, and exudative boils , it degrades dead tissues & bus cells & promotes regenerations of new tissues ....

## Anti-allergic preparations

- 1024 – Dimethindene ( Fenistil ) gel
- 1025 – Diphenhydramine ( insect bite ) gel
- 1026 – Diphenhydramine ( specodryl ) lotion
- 1027 – chlorphenoxamine ( allergex ) cream

### Protective & soothing preparations

- 1028 – Dimethicone ( barrisilic ) cream .
- 1029 – Dimethicone + Cetrimid ( dermocare ) cream
- 1030 – Dimethicone + Zinc oxid ( ultracare , zincosil ) cream
- 1031 - Olive oil + Zinc oxid ( baby care , zinc olive ) cream , lotion
- 1032 – Panthenol + Lidocaine ( lignopanthin ) gel
- 1033 – Dexapanthenol ( dexapanol , dextra-panthenol ) gel , cream , spray
- 1034 – Calamine + Zinc oxid ( calamine ) lotion ..... calamine Is soothing, astringent and protective agent ...Used for allergy, sunburn, and during chickenpox...
- 1035 – Calamine + Antazoline ( calazole ) cream , lotion
- 1036 - zinc oxide ( baby rash , napi-care ) cream , oint .... Is soothing agent, reduce allergy and gives calming effect ...
- 1037 - zinc oxide + Lanolin ( cream ideal ) cream
- 1038 - zinc oxide + clotrimazole ( dermatin ) powder
- 1039 - zinc oxide + Nystatin ( mycostatin baby , nice baby ,
- 1040 - zinc oxide + Jojoba ( rasha ) oint
- 1041 - zinc oxide + castor oil ( zinc & castor oil ) oint ..
- 1042 - Chamomile extract ( camisan ) oint
- 1043 – Urea + Salicylic acid ( heel forte ) oint

1044 - Urea ( urecare , carbamid ) cream

1045 – Camphor + salicylamide ( isosal ) solution

1046 – Camphor + Menthol ( menthor , mentovex , capcivex , faster , pereform , ) gel

1047 - Camphor + Capsiacin ( Radia rose ) cream

### Drugs used to treat varicose vein

1048 - Heparin sodium ( doxivenil , thrombophob ) gel

1049 – Heparinoid + Rutoside ( rimanal ) gel

1050 – Heparinoid ( hirudoid , varicoid ) ..... It reduce capollaries fragility & normalizing their permeability ... Used for superficial circulatory disorders including Superficial phlephitis , Sequelae of varix sclerosis , and Minor trauma ... Apply 2-4 times per day on the area to be treated with gentle massage in order to help its penetration ....

1051 - Pentostan polysulphate ( hemoclar , hemocure ) gel ..... It is heparonoid substance effective in all the thromboembolic disorders ...

1052 – Aescin ( flogencyl ) gel ..... Prevent and treat various peripheral vascular disorders...

1053 – Aescin + Diethyl amino salicylate ( reparil ) gel

1054 – Aescin + Bamethan (Escinogel) .... Bamethan Is a peripheral vasodilator which acts directly on vascular smooth muscles. Used in the ttt of peripheral vascular disorders .....

1055 – Chymotrypsin + phenylbutasone ( alphacadol ) oint .....Anti-oedemous and phrnylbutasone is analgesic ..

### Hemorrhoids & anal fissures preparations

1056 – Tribenosid + Lidocaine ( procto-glyvenol ) cream , supp ..... tribenosid improve the vascular function and protect the capillary endothelium .... Tribenosid

reduce capillary permeability and antagonizes many mediators responsible for inflammatory processes which accompanied hemorrhoids ....

1057 - Fluocinolone acetonide + lignocaine ( procto- synalar ) .... Cream , supp ..

1058 - Fluocortolone pivalate + Lidocaine ( neo-anoproct , neo-ultraproct ) supp. .. , cream .... Fluocortolone , prednisolone , and hydrocortisone are corticosteroids incorporated to relieve inflammations and pills, they may be absorbed to the blood through pills & fissures

1059 – Cinchocaine + Hydrocortisone ( procto-forte , proctosedyl , sediproct ) cream , supp

1060 – Poliresulene ( albothyl ) supp

1061 – Poliresulene + Cinchocaine ( faktu ) supp

1062 – Amylocaine + Benzocaine ( midy ) supp

### Decongestants & anti-histaminics preparations ( eye & nose drops & spray )

Topical (OTC) nasal decongestants are sympathomimetic amines and include : Phenylephrine , Xylometazoline , Pseudo ephedrine .... Pseudo ephedrine is an oral decongestant but not available as a topical Nasal decongestant ... If topical nasal decongestants are used for more often than (3-5) days, rhinitis medicamentosa (rebound congestion) may occur in the nasal passages ..

1063 – Oxymetazoline ( 4-way , afrin , iliadin , nasopharm , oxymet ) nasal drops , nasal spray ..... Oxymetazoline has a duration of action of 12 hrs and should be used no more than twice daily .

1064 – Oxymetazoline + Cromolyn ( nazocrom ) nasal spray ..... .

1065 – Sodium chloride ( lyse , otrivine baby saline , saline , salinex ) nasal drops .... Normal saline used instead of the decongestant due to its safety, one drop

1066 – Xylometazoline ( baktis , nasostop , otrivin , rhinex ) nasal drops 3-4 times daily for newborn babies, in influenza, closed or running nose ...

1067 – Naphazoline + Antazoline ( vinyl calmestine ) eye & nose drops ..... duration of action of naphazoline is 6 hrs..

1068 – Naphazoline + Pheniramine ( conjunctival , naphcon a ) eye drops

1069 – Naphazoline + Chlorpheniramine ( neozoline , nostamine , optozoline , prisoline ) eye & nose drops ..... chlorpheniramine is anti-allergic , it relief nasal and eye allergy...

1070 – Dimethinidene + phenylephrine ( vibrocil ) nasal drops , nasal gel .... duration of action of phenylephrine is 4 hrs..

1071 – Sodium cromoglycate ( acromolyn , collycron , cromolyn , cusicrom , epicrom , nasotal , ocucrom , opticare , visicrome , vividrin ) nasal spray , eye drops , nasal drops ..... It is anti-allergic , mast cell stabilizer. It stop histamin release so, prevent nasal allergic symptoms. Its full action reached after 2-3 days..... Instill one drop into the conjunctival sac (in the space between eye and eyelid). Close eyes gently, and keep them closed for some seconds ...

1072 - Sodium cromoglycate + Fluorometholone ( fluca ) eye drops .....

1073 - Sodium cromoglycate + Xylometazoline ( nasotal comp ) nasal spray

1074 - Tetrahydrazoline ( berberil-n , eye clear , flumetol , nazine , ocuzoline , visin ) eye drops

1075 – Tetrahydrazoline + Antazoline ( optizolin ) eye drops

1076 – Levocabastine ( livostin ) eye drops , nasal spray .. .. , Very potent, fast-acting and highly selective histamine H1- antagonist with a sustained duration of action ...

1077 – Fusafungine ( locabiotol ) aerosol

1078 – Beclomethasone ( becloforte , beclo , beconase ) nasal spray

1079 - Budesonide ( rhinocort ) nasal spray

1080 – Fluticasone propionate ( floxina , ticanase ) nasal spray

1081 – Sodium bicarbonate ( alka misr ) nasal wash powder

1082 – Ephedrine + Naphazoline ( deltarhino ) nasal spray .... duration of action of ephedrine is 4 hrs ...

1083 – Ketotifen ( orchazid , rednott , zaditen , zaditen ) eye drops ....

1084 – Lodoxamide ( alomide , thilomide ) eye drops ..... Is long-acting & selective anti-histamine used twice daily for various allergic conditions of the eye ...



1085 – Emedastine ( emadine ) eye drops

## Local eye anesthetics

1086 – Oxybuprocaine ( benoxinate ) eye drops ..... Used for corneal & conjunctival anaesthesia, for example, the removal of superficial & deeply embedded foreign bodies, also used for tonometry, gonioscopy & other diagnostic procedures  
....

1087 - Ketorolac tromethamine ( acular , dolomine , fam , ketorolac , ketorolin , samulgine )

1088 - Flurbiprofen sodium ( ocufen ) eye drops

1089 – Diclofenac sodium ( cataflam , declophine , epifenac , opto flam , romalex ) eye drops .. ... When used before cataract surgery , it inhibits miosis during the operation ..... It also has anti-inflammatory effect when given after surgery or trauma to the eye, & in other non-infectious inflammatory conditions ...dose : preoperative: up to 5x1 drop over the 3 hrs preceding surgery , postoperative : 3x1 drop immediately after surgery, thereafter 3-5x1 drop daily as long as required...

## Ear drops

If the objective is to straighten the ear canal, to get the ear drops are easily instilled, for child, you should pull the ear backward and downward, for adults, you should pull the ear backward and upward ..

1090 - Carbamide peroxide ( ear wax , remowax , perroxy ) ear drops .... It consists of urea and hydrogen peroxide in equimolecular proportion dissolved in glycerol. The drops foam on contact with ear wax due to release of O<sub>2</sub> which act as strong antiseptic & softens & separate cerumen ...

1091 - Flumethasone + Clioquinol ( locacortin vioform , otocort , viotic ) ear drops ... Is a corticosteroid with moderate potency , gives prompt anti -inflammatory, anti-allergic, vasoconstrictor , and antiproliferative action ...Clioquinol is anti-fungal, anti-bacterial agent. Used for otitis externa , mycosis of the external ear , dose , instill 2-3 drops 3 times daily...

1092 - Phenazone + chlorbutanol ( otocalm ) ear drops

1093 - Sodium docusate ( solu wax ) ear drops

1094 - Choline salicylate + Glycerin ( audax ) ear drops ..... Glycerine and glycerol help to dissolve ear waxes ....

- 1095 – Dexamethasone + Framycetin ( corticetine ) ear drops
- 1096 - Oleyl-polypeptide ( cerumenex ) ear drops
- 1097 – chloramphenicol ( cidocetin , memcocetin , miphenicol , otophenicol ) ear drops ..... Is broad spectrum antibiotic, applied in a concentration of 5% to treat otitis media, otitis externa and mastoiditis...
- 1098 - Antipyrine + Benzocaine ( otosept )
- 1099 – Gentamicin ( apigent , cidomycin , ocugent , optigent ) eye & ear drops
- 1100 – Ciprofloxacin ( ciloxan ) eye/ear drops
- 1101 – Ciprofloxacin + Hydrocortisone ( ciprocort , cipromax , peopo-otic , zonacip ) ear drops , eye/ear drops

### Drugs used to treat glaucoma

- 1102 - Metipranolol ( beta-ophthiol ) eye drops
- 1103 - Metipranolol + Pilocarpin ( normoglaucon ) eye drops
- 1104 – Befunolol ( glauconex ) eye drops
- 1105 – Betaxolol ( apixol , betoptic , betoxol , heliopress , ) eye drops
- 1106 - Timolol + Bromonidine ( primonocond , combigan , Timomondine ) eye drops
- 1107 – Timolol + dorzolamide ( cosopt , episopt , glaucosopt , twinzol , xolamol ) eye drops
- 1108 – Timolol ( cusimolol , timogel , nyolol , optimal , timolol , timoptol ) eye drops ) gel , eye drops ..... Is a non-selective beta-adrenergic blocking agent when applied it reduce the intra-ocular pressure after 20 minutes and continue for 24 hrs ..
- 1109 - Timolol + Travoprost ( duotrav , travoprost queen ) eye drops
- 1110 – Timolol + Bimatoprost ( ganfort ) eye drops
- 1111 - Timolol + Latanoprost ( xalacom ) eye drops
- 1112 - Dipivefrin (dipivefrin , glaucothil , propine ) eye drops

1113 – Unoprostone isopropyl ( rescula ) eye drops

1114 – Pirenoxine ( catalin ) eye drops

1115 – Pilocarpine ( isopto carpine , ocucarpine , pilocarpine )... Is muscarinic agonist. Used in miosis, decrease (IOP), antagonizes nydriasis induced by atropine after fundus examination .....

1116 – Dorzolamide ( dorsopt , ozolzmid , trusopt , xola ) eye drops .... It used as adjuncant to b-blocker or used alone in raised ontraocular pressure in ocular hypertension, open angle glaucoma .... used in patients unresponsive or contraindicated to beta blockers.o it is used for ocular hypertension ...

1117 – Bimatoprost ( lumigan ) eye drops .... It is prostaglandine derivatives Used to treat open-angle glaucoma and lower intra-ocular pressure by helping the fluid flow out of the eye chamber ...

1118 – Latanoprost ( ioprost , xalatan ) eye drops

1119 – Brimonidine ( alphagan , brimonidine , brimonocond , pharmapress ) eye drops .... Is alpha2-agonist used locally fot the treatment of glaucoma..

1120 – Travoprost ( travatan , travaprostqueen ) eye drops

## Mydriatic preparations

1121 – Atropine sulfate ( atropine , mydrilate ) eye drops ..... It is used for the prevention of release of posterior synechiae in acute and chronic iritis & irido cyclitis also in keratitis & corneal ulcer with irritation of the iris ..... Also for exclusion of accommodation during objective determination of visual acuity (retinoscopy) and in the treatment of child. with squint (amblyopia) ..... Dose: Eye drops instil into the lower conjunctival sac 1-3 times a day. Eye oint. applied as a 3-5 mm long strip into the lower conjunctival sac 1-3 times a daily .....

1122 – Cyclopentolate ( colir cusi , cyclopentolate , pentolate , plegica ) ..... Like atropine an anticholinergic produce dilatation of the pupil and loss of accommodation. It has short duration of action than atropine. Its effect hastened if one or two drops of pilocarpine are instelled ....

1223 – Cyclopentolate + Phenylephrine ( cyclophrine ) eye drops

1224 – Tropicamide ( mydrapid , mydriacyl , mydriamex , tropical ) eye drops ..... A mydriatic- Cyloplegic . Max. cycloplegia and mydriasis are obtained within 20-25

minutes following instillation in the eye ..... Complete recovery occurs within 5-6 hrs without the use of a miotic ...

Dose : for refraction, 1-2 drops of 1% solution in eye (s) repeated in 5 minutes. If patient is not seen within 20-30 minutes, an additional drop may be instilled to prolong mydriatic effect ....., For examination of fundus, 1-2 drops of 0.5% solution, 15-20 minutes prior to examination ...

## Eye preparations containing cortisone

Inhibit the inflammatory response to a variety of inciting agents. They inhibit the edema, fibrin deposition, capillary dilatation, leucocyte migration, phagocytic activity, capillary proliferation fibroblast proliferation, deposition of collagen, and scar formation associated with inflammation ..... corticosteroids inhibit the synthesis of histamine within mast cells by blocking the action of histidine decarboxylase .... Corticosteroids also decrease prostaglandin synthesis and retard epithelial regeneration ..... corticosteroids increase the intra-ocular pressure ....

1125 – Prednisolone ( econopred plus, optipred, orchapred, pharma pred, pred forte, salcodin ) eye drops, eye gel ..

1126 – Prednisolone + Clioquinol ( apicorte ,

1127 – Prednisolone + Sulfacetamide ( blephamide, cortibiotan, isopto-cetapred, sulfapred ) eye drops

1128 – Prednisolone + Chloramphenicol ( cortiphen ) eye oint, eye drops

1129 - Prednisolone + Phenylephrine ( isopto steroferin ) eye drops

1130 – Dexamethasone ( dexagel, isopto-maxidex, thilodex ) viscous eye drops, eye oint. dexamethasone, dexonium, epidexone, ) eye oint, eye/ear drops

1131 - Dexamethasone + Neomycin ( decadron with neomycin ) eye drops ..... used in infection of conjunctiva due to organisms sensitive to neomycin .... For the treatment of anterior segment inflammatory disorders complicated to bacteria sensitive to neomycin For the removal of foreign bodies as well as before & after surgery where the possibility of infection .....

1132 - Dexamethasone + Tobramycin ( dexatob, dexatobrin, optidex-d, selectomycin-d, tobracoid, tobradex ) eye drops, Eye oint ..

1133 - Dexamethasone + Neomycin + Polymyxin ( dexatrol, isopto-maxitrol, maxitrol ) eye drops, eye/ear oint,

1134 – Dexamethasone + Famycetin ( frakidex, ) eye drops, eye oint

- 1135 – Dexamethasone + Gentamycin ( gentadex ) eye/ear drops
- 1136 – Dexamethasone + Ofloxacin ( optiflox ) eye drops
- 1137 – Dexamethasone + Chloramphenicol ( spersadex ) eye drops
- 1138 – Fluorometholone ( flucon , fml liquifilm , fml s.o.p , ) eye drops , eye oint.
- 1139 – Fluorometholone + Sod.cromoglycate ( fluca ) eye drops
- 1140 – Fluorometholone + Tetrahydrozoline ( flumetol , ) eye drops ,
- 1141 - Fluorometholone + Neomycin ( fml neo , helpometil ) eye drops

### Virustatic eye preparations

- 1142 – Ayclovir (acyclovir , zovirax ) eye oint .... Used for viral infections due to herpes simplex virus & keratitis .... Applied 5 times daily . Therapy continued for 3 days after disappearance of symptoms ...
- 1143 – Tiflurothmidine ( bephen ) eye drops )... sed to treat eye infections with herpes simplex virus induced keratitis dendritica ....., used as one drop 5 times daily , therapy continued 3 days after disappearance of symptoms ..
- 1144 – vidarabine (vidarabine ) eye oint
- 1145 – Idoxuridine ( Idviran ) eye drops

### Preparations for eye dryness

These preparations relieve various ocular irritations syndromes (dry eye), they enhance precorneal tearfilm stability and promote corneal wetting through physiological blending with the precorneal tear film. They are not for use with soft contact lenses ...

- 1146 – Hydroxypropyl methyl cellulose ( artelac , genteal , lubrican , tears guard ) eye drops , gel ,
- 1147 - Hydroxypropyl methyl cellulose + Dextran ( normo tears ) eye drops

1148 - Hydroxypropyl methyl cellulose + phenylephrine ( ocotal-tec ) eye drops

1149 - Carboxymethyl cellulose ( refresh celluvisc , refresh tears , b.s.s ) eye drops

1150 - Carboxymethyl cellulose + Glycerin ( optive lubricant )

1151 – Lacrilube + White petrolatum ( lacri-lube ) eye oint

1152 – Polyvinylpyrrolidone ( protagent , vidisept , ) eye drops

1153 – Carbomer ( thilotears , vidisc ) eye drops , eye gel

1154 - Dexaparantheol ( cornergel ) eye gel ,eye drops

1155 - Polyvidone ( lacri-stulin , occu-tears ) eye drops

1156 – Polyvidone + Povidone ( optifresh , orchatears plus , protagent ) eye drops

1157 – Hypotears ( vitamin A ) eye gel

### Preparations for contact lenses

They are all in one solution ... They clean , rinse, disinfect , lubricate and store ..... Each preparation contain many ingredients as allytriethanol, Al- chloride, standardized papin , poly hexa methylen biguanide , disodium editate..etc..... These components act as cleaning storing medium for the lenses..... All of these solutions act automatically as protein remover from the lenses.....

How to use : Put the lenses allover the night or rub gently with your fingers with little of the solution, then rinse with the solution, and but in the eye ....

1158 – Polyhexanide ( solo-care ) solution

1159 – Disodium edetate + sodium borate ( opti-free , contacid ) solution

1160 – Polyhexamethylene biguanid + Tromethamine ( complete ) solution

1161 - DYMED + poloxamine( bauch & lomb ) solution

1162 – Thimerosal ( lc-65 ) solution

1163 – pancreatin ( opti-plus ) solution

## Antiseptic & antibiotics for eye , nose , and ear

### القطرات و المراهم المطهره و المعقمه للعين بما فيها المضادات الحيوية

1164 – Ofloxacin ( ocuflox , ocufloxine , oflicin , oflox , ofloxin , optiflox , tariflox ) eye drops ..... Used in extrnal ocular infections in adults and children that are caused by ofloxacin-sensitive organisms ... Dose: Three or four times daily in the affected eye(s). Dosdage should not normally be continued for mor than 10 days without an ophthalmic review ....

1165 – Ciprofloxacin (ciloxan , ciprocart , ciprofar , ciprofox , cipromax ) eye drops , eye/ear drops ..... A broad-spectrum anti-bacterial agent against ocular and otic infections ... It is indicated in bacterial strains susceptible to ciprofloxacin causing corneal ulcers, superficial infections of the eye and otitis externa ....

Dose : Superficial infections of the eye: 1-2 drops, 3-4 t/d. in the affected eye(s) .....

Instructions corneal ulcer: first day, apply 2 drops every 15 min. for 6 hrs then every 30 min. for the rest of the day , second day, apply 2 drops every hour, third to fourteenth daily , apply 2 drops every 4 hrs (max. duration of treatment is 21 daily )

Otitis externa, 2-3 drops every 2-3 hrs ...

1166 – Levofloxacin ( lee-flox , levoflox , levoxin ) eye drops

1167 - Lomefloxacin ( maxa flox , okacin , orchacin ) eye drops

1168 – Gatifloxacin ( gatigrand , gatilox , gatipram , pharmagatin , tymer ) eye drops

1169 – Polymyxin + Neomycin ( adcomex , cebamycin , conjunctin , isoptostatrol , micycline , neopol , neopolybacin , polyspectran , statrol ) eye drops , eye oint..... Used in the treatment of superfacial ocular infections . This combination is effective against most organisms attack the eye ....

1170 – Polymyxin + Trimethoprim ( oftalmotrim , polaprim , polytrim

1171 – Polymyxin + Oxytetracycline ( oxymycin , oxypol , terracortril , terramycin , tetra , tetramexin )

1172 – Gentamicin ( Apigent , cidomycin , garamycin , gentamicin , gentamytrix , ocugent , oftalmolosa , ophtagra , optigent ) eye drops , eye oint , eye/ear drops , eye/ear oint ..... Is a broad spectrum bactericidal antibiotic ..... Indicated in the topical treatment of infections of the eyes suck of infections of the eyes such conjunctivitis, keratitis, corneal ulcers, blepheritis, and dacryocystitis ..... Ear drops used for the topical treatment of otitis externa, caused by susceptible organisms ....

1173 – Gentamicin + Benzalkonium chloride ( refobacin ) eye drops

1174 – Gentamicin + Zinc sulphate ( zincomycin ) eye drops

1175 – Fusidic acid ( fucithalamic , futhalm , optifucin ) viscous eye drops , eye drops

1176 – Rifampicin ( rifamycin ) eye drops , eye oint

1177 – Tobramycin ( t grand , thilomicine , tobractiva , tobral , tobramycin , tobrin tobrex ) eye drops , eye oint ..... Used for external infections of the eye and its adnexa caused by susceptible bacteria .... The use of tobramycin ophthalmic solution and oint. Needs monitoring of bacterial response ..... Clinical studies have shown tobramycin to be safe and effective for use in children .....

Dose : mild to moderate disease, apply 1-2 drops to the affected eye(s) every 4 hrs . oint., apply a 1-1.5 cm ribbon 2-3 t/d ..... sever infections, apply 2 drops to the eye(s) hourly , oint., apply a 1-1.5 cm ribbon to the affected eye(s) every 3-4 hrs until improvement ...

1178 – Erythromycin (erythromycin ) eye oint

1179 – Sulphacetamide ( isocet , isopto cetamide , ocusol ) eye drops

1080 – Sulphacetamide + Chloramphenicol ( spersacet c ) eye drops

1081 – Chloramphenicol ( antibiotal , chloramphenicol ,. Epiphenicol , isomiphenicol , miphenicol , ocuphenicol , ophtamycetine , optocetine ) eye drops , eye oint.

..... الحمد لله الذى هدانا لهذا و ما كنا لنهتدى لولا ان هدانا الله فهو نعم المولى و نعم النصير .....